

Driving  
Quality  
Together



# Index of analytes

# Proficiency Testing

2020



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ISO/IEC 17043

Analyte	Scheme ID	Matrix	Sample
1,1,1,2-Tetrachloroethane	CONTEST	Soil	25
		Standard solution	Group C, 19
1,1,1-Trichloroethane	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
	AQUACHECK	Synthetic effluent	19B
		Groundwater	7B
	CONTEST	Soil	25
		Standard solution	Group C, 19
PHARMASSURE	Residual Solvents	2E	
1,1-Dichloroethane	PHARMASSURE	Residual Solvents	2E
1,2,3-Trichlorobenzene	AQUACHECK	Clean water	56
		Synthetic effluent	19B
		Groundwater	7B
	CONTEST	Standard solution	Group C, 19
		Soil	25
1,2,3-Trichloropropane	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
1,2,4-Trichlorobenzene	AQUACHECK	Clean water	56
		Synthetic effluent	19B
		Groundwater	7B
	CONTEST	Standard solution	Group C, 19
		Soil	25
1,2,4-Trimethylbenzene (TMB)	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
	AQUACHECK	Groundwater	6C
1,2-Dibromo-3-chloropropane	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
1,2-Dibromoethane	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
1,2-Dichloroethane	AQUACHECK	Synthetic effluent	18A
		Synthetic effluent	19B
		Water Framework Directive	34H
		Groundwater	6A
		Groundwater	7B
	CONTEST	Standard solution	Group C, 19
		Soil	25
PHARMASSURE	Residual Solvents	2E	
1,2-Dichloroethene	CONTEST	Soil	25
		Standard solution	Group C, 19

Analyte	Scheme ID	Matrix	Sample
1,2-Dichloropropane	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
1,3,5-Trichlorobenzene	AQUACHECK	Clean water	56
		Synthetic effluent	19B
		Groundwater	7B
1,3,5-Trinitrobenzene	AQUACHECK	Spiking solutions	TRIAL
1,3-Dinitrobenzene	AQUACHECK	Spiking solutions	TRIAL
1,4-Dichlorobenzene	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
12:0 Lauric acid	QFCS	Oil or fat	778
		Grated cheese	800
14:0 Myristic acid	QFCS	Oil or fat	778
14:1 n-5 Myristoleic acid	QFCS	Oil or fat	778
15:0 Pentadecanoic acid	QFCS	Oil or fat	778
16:0 Palmitic acid	QFCS	Oil or fat	778
16:1 Palmitoleic acid	QFCS	Oil or fat	778
17:0 Heptadecanoic acid	QFCS	Oil or fat	778
18:0 Stearic acid	QFCS	Oil or fat	778
18:1 cis-9 Oleic acid	QFCS	Oil or fat	778
18:2 n-6 Linoleic acid	QFCS	Oil or fat	778
18:3 n-3 Linolenic acid	QFCS	Oil or fat	778
2 + 3 Methylbutanol	BAPS	Lager	2L
2,2,4,4,5,6-Hexabromodiphenylether (BDE 154)	AQUACHECK	Water Framework Directive	34H
		Water Framework Directive	34I
2,2,4,4,5-Pentabromodiphenylether (BDE 99)	AQUACHECK	Water Framework Directive	34H
		Water Framework Directive	34I
2,2-Dichloropropionic acid	AQUACHECK	Clean water	44
2,3,6-TBA	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4,4-Tribromodiphenylether (BDE 28)	AQUACHECK	Water Framework Directive	34H
		Water Framework Directive	34I
2,4,5-T	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4,5-TP (Fenoprop)	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4,6-Trichlorophenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B

Analyte	Scheme ID	Matrix	Sample
2,4-D	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4-DB	AQUACHECK	Groundwater	8
		Synthetic effluent	20
2,4-Dichlorophenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
2,4-Dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
2,5-Dimethylphenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
		Groundwater	18B
		Synthetic effluent	6B
2,6-Dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
20:0 Eicosanoic arachidic acid	QFCS	Oil or fat	778
22:0 Behemic acid	QFCS	Oil or fat	778
22:1 Methyl erucate	QFCS	Oil or fat	778
2-Amino-4,6-dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
2-Chlorophenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
2-Chlorotoluene	CONTEST	Soil	25
		Standard solution	Group C, 19
2-Glycerol monopalmitate	QFCS	Olive oil	791
2-Methylbutanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
2-Methylphenol (o-cresol)	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
2-Nitrotoluene	AQUACHECK	Spiking solutions	TRIAL
2-Phenethyl Acetate	DAPS	Non chill filtered whisky	Group B, B5
2-Phenethyl Ethanol	DAPS	Non chill filtered whisky	Group B, B5
3 + 3 Methylbutanol	DAPS	Scotch whisky	Group B, B1
3,5 Stigmastadienes	QFCS	Extra virgin olive oil	790
		Olive oil	791
3,5-Dimethylphenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B

Analyte	Scheme ID	Matrix	Sample
3-Bromophenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
3-Methylbutanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
Cream liqueur	Group E, E3		
3-Methylphenol (m-cresol)	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
3-Nitrotoluene	AQUACHECK	Spiking solutions	TRIAL
4 + 3 Methylbutanol	DAPS	Dark distilled spirit	Group B, B2
4:0 Butyric acid	QFCS	Grated cheese	800
4-Amino-2,6-dinitrotoluene	AQUACHECK	Spiking solutions	TRIAL
4-Chloro-3-methylphenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
4-Chlorophenol	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
4-Methylphenol (p-cresol)	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
4-Nitrotoluene	AQUACHECK	Spiking solutions	TRIAL
4-Phenylcyclohexene (4-PCH)	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
5 + 3 Methylbutanol	DAPS	Clear distilled spirit	Group B, B3
5-HMF	DAPS	Scotch whisky	Group B, B1
6 + 3 Methylbutanol	DAPS	Liqueur	Group E, E2
6-Monoacetylmorphine screen	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
7 + 3 Methylbutanol	DAPS	Cream liqueur	Group E, E3
ABV (qualitative)	BAPS	Alcohol free/low alcohol beer	7
ABV (quantitative)	BAPS	Alcohol free/low alcohol beer	7
Accelerated oxidation test (Rancimat) at 120°C	QFCS	Frying oil	796
Acenaphthene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5

Analyte	Scheme ID	Matrix	Sample
Acenaphthylene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Acesulfame K (E950)	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
	QFCS	Liquid	761
Acetal	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Acetaldehyde	AIR	Glass fibre filter 25mm diameter (Workplace air)	8
	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Acetate	AQUACHECK	Waste water	63
		Spiking solutions	TRIAL
Acetic acid	DAPS	Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
Acetone	PHARMASSURE	Residual Solvents	2E
	TOX	Blood	TAK
		Serum	TAS
Acid and base number	OIL	#2 Diesel fuel	2
Acid and base titration	PHARMASSURE	Acid solution	1B
Acid detergent fibre (ADF)	AFPS	Animal feed	1
Acid Fast Bacilli Smear	CLS	Slides	AFB
Acid insoluble ash	QFCS	Ground pepper	815
Acid Number	OIL	Service Engine Oil	6
Acid number - (Potentiometric)	OIL	Engine oil lubricants	5
Acid number - (Total)	OIL	Crude oil	4
Acidity	QFCS	Cake	793
		Bread	776

Analyte	Scheme ID	Matrix	Sample
Acidity (as Citric acid monohydrate)	QBS	Fruit juice	510
		Carbonated drinks	515
		Dilutable and ready to drink materials	517A
Acinetobacter (ACB) complex	CLS	Liquid	PNE
Acoustic testing (EN71-1)	TOYTEST	Toy product	13
Acrylamide	AQUACHECK	Spiking solution	37
	QFCS	Snacks (e.g. potato crisps)	788
Actual alcoholic strength	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Adenovirus	CLS	Liquid	PNE
Adenovirus Antigen	CLS	Liquid	VIR
Advanced titration (potentiometric, non-aqueous)	PHARMASSURE	Sample format will depend upon test type	6J
Aerobic mesophilic bacteria count	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
Aerobic mesophilic bacteria detection	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
Aerobic psychrotrophs enumeration	QMS	Oatmeal	25
	QMAS	Lyophilised meat	758
Aflatoxin B1	AFPS	Animal feed	5
	QFCS	Nuts	779
		Chilli powder	794
		Dried fruit	804
Aflatoxin B2	AFPS	Animal feed	5
	QFCS	Nuts	779
		Chilli powder	794
		Dried fruit	804

Analyte	Scheme ID	Matrix	Sample
Aflatoxin G1	AFPS	Animal feed	5
	QFCS	Nuts	779
		Chilli powder	794
		Dried fruit	804
Aflatoxin G2	AFPS	Animal feed	5
	QFCS	Nuts	779
		Chilli powder	794
		Dried fruit	804
Aflatoxin M1	QDCS	Freeze dried milk	60
		Soft cheese	62
Aflatoxins (Total)	AFPS	Animal feed	5
	QFCS	Nuts	779
		Chilli powder	794
		Dried fruit	804
Alachlor	AQUACHECK	Groundwater	8
		Clean water	53
		Water Framework Directive	34C
		Spiking solutions	TRIAL
Alanine	QFCS	Infant formula powder	823
Alcohol	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
	QUARTZ	Blood	4
Alcohol by volume	BAPS	Ale	3
		Ale (Bitter)	1B
		Lager	1L
Alcohol in blood alcohol technical defence (ATD)	QUARTZ	Paper exercise	5
Aldrin	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Algal growth inhibition test – biomass reduction	AQUACHECK	Ecotoxicology	50
Aliphatic	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
Alkali reserve	CONTEST	Standard solution	Group A, 29



Analyte	Scheme ID	Matrix	Sample
Alkalinity	AQUACHECK	Marine water	61
		Hard water	1H
		Soft water	1S
		Seawater	TRIAL
Allura Red (E129)	QFCS	Liquid	763
Almond	QFCS	Rice flour	808
Alpha Amylase	MAPS	Brewers and distillers malt	1
		Malt	6
		Wheat	7
Alpha Endosulphan	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Alpha Hexachlorocyclohexane	AQUACHECK	Clean water	58
		Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Alprazolam	TOX	Serum	BNBZ
Aluminium	AQUACHECK	Natural water	4
		Synthetic effluent	12
		Industrial wastewater	17C
		Groundwater	4G
	BAPS	Lager	2L
	OIL	Service Engine Oil	6
	QBS	Soft drink	519
Ametryn	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Amfetamine	QUARTZ	Blood	3
Amfetamines and Stimulants	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3

Analyte	Scheme ID	Matrix	Sample
Amfetamines screen	DAH	Hair	DH01
		Hair	DH02
Amikacin	TDM	Human serum	AT03
Amiodarone	TDM	Human serum	CRD
Amisulpride	TDM	New born calf serum	PS24
Amitriptyline	QUARTZ	Blood	3
	TDM	New born calf serum	PS01
Ammonia	AIR	Impinger solution (Stack emissions)	37
	AQUACHECK	Waste water	60
		Marine water	61
		Industrial wastewater	17D
		Hard water	2H
		Soft water	2S
		Water	TRIAL
		Spiking solution	10
	CONTEST	Soil	Group B, 3B
Soil		Group D, 18	
Ammoniacal Nitrogen	AQUACHECK	Sewage sludge	16
AMPA	AQUACHECK	Synthetic effluent	20
	QFCS	Barley flour	807
Anaerobic sulphite-reducing bacteria count	QMS	Skimmed milk powder	15
		Oatmeal	15
Anaesthetic drugs	QUARTZ	Blood	1
		Blood and case study	2
Analysis by GC method	PHARMASSURE	Sample format will depend upon test type	6A
Anionic-active matter	COSMETICS	Powder detergent	29
		Liquid detergent	32
Anisidine value	QFCS	Oil or fat	778
Anthracene	AQUACHECK	Synthetic effluent	19C
		Water Framework Directive	34F
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Antibiotics (Beta Lactam based)	QDCS	Freeze dried milk	34 (A,B&C)
Antibiotics (Penicillin and Sulfur based)	QDCS	Freeze dried milk	57 (A,B&C)
Anticholinergic drugs	QUARTZ	Blood	1
		Blood and case study	2

Analyte	Scheme ID	Matrix	Sample	
Anticonvulsant drugs	QUARTZ	Blood	1	
		Blood and case study	2	
Antidepressant drugs	QUARTZ	Blood	1	
		Blood and case study	2	
Antihistamine drugs	QUARTZ	Blood	1	
		Blood and case study	2	
Antimony	AIR	Quartz fibre filter 47mm diameter (Ambient air)	13	
		Metals impinger solution (Stack emissions)	33	
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38	
	AQUACHECK	Natural water	5	
		Synthetic effluent	12	
		Industrial wastewater	17C	
		Clean water	5A	
		Groundwater	5G	
	CONTEST	Solid waste leachate	24	
		Standard solution	Group A, 1b	
		Soil extract	Group A, 2	
		Soil	Group A, 3A	
		Soil	Group D, 18	
		Soil	Group E, 21	
	COSMETICS	Mouthwash sample	24	
		Toothpaste sample	25	
	OIL	Service Engine Oil	6	
	QBS	Fruit juice	518	
		Soft drink	519	
	Antipsychotic drugs	QUARTZ	Blood	1
			Blood and case study	2
AOX	AQUACHECK	Wastewater	27	
Apparent alcoholic strength	DAPS	Scotch whisky	Group B, B1	
		Dark distilled spirit	Group B, B2	
		Clear distilled spirit	Group B, B3	
		Simulated spirit	Group B, B4	
Apparent Gravity	BAPS	Ale (Bitter)	1B	
		Lager	1L	
		Alcohol free/low alcohol beer	7	
Aqueous tritium	AQUACHECK	Clean water	31	

Analyte	Scheme ID	Matrix	Sample
Arachidic acid C20:0	QFCS	Olive oil	791
Arginine	QFCS	Infant formula powder	823
Aripiprazole	TDM	New born calf serum	PS25
Aroma - Alcoholic/Solvent	BAPS	Lager/ale (Bitter)	5
Aroma - Burnt	BAPS	Lager/ale (Bitter)	5
Aroma - Caramel	BAPS	Lager/ale (Bitter)	5
Aroma - Cereal	BAPS	Lager/ale (Bitter)	5
Aroma - DMS	BAPS	Lager/ale (Bitter)	5
Aroma - Fruity/Citrus	BAPS	Lager/ale (Bitter)	5
Aroma - Fruity/Estery	BAPS	Lager/ale (Bitter)	5
Aroma - Hop	BAPS	Lager/ale (Bitter)	5
Aroma - Malty	BAPS	Lager/ale (Bitter)	5
Aroma - Other	BAPS	Lager/ale (Bitter)	5
Aroma - Other Sulfur	BAPS	Lager/ale (Bitter)	5
Aroma - Oxidised/Aged	BAPS	Lager/ale (Bitter)	5
Aroma - Sweet	BAPS	Lager/ale (Bitter)	5
Aromatic ester	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
Arsenic	AFPS	Animal feed	2
		Premix	8
	AIR	Quartz fibre filter 47mm diameter (Ambient air)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
		Clean water	5A
		Groundwater	5G
	Seawater	TRIAL	
	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1b
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
		Soil	Group D, 18
	Soil	Group E, 21	

Analyte	Scheme ID	Matrix	Sample
Arsenic	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
		Mouthwash sample	24
		Toothpaste sample	25
	PHARMASSURE	Supplement	14
		Powder material	2B
	QBS	Fruit juice	518
		Soft drink	519
	QFCS	Dried tea	780
		Cereal	784
		Edible Oil	785
		Dried Fruit	786
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
	Arsenic (inorganic)	QFCS	Brown rice
Infant fruit/vegetable puree			827
Arsenic (total)	AQUACHECK	Waste water	60
		Water	TRIAL
	QCS	Cocoa powder	718
	QFCS	Brown rice	789
		Lyophilised mushrooms	795
		Table salt	819
Infant fruit/vegetable puree	827		
Ascorbic acid	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
Ascorbic acid (Vitamin C)	QBS	Liquid test material	514
Ash	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
	QCS	Cocoa powder	716
	QDCS	Hard cheese	37
		Whole protein concentrate	43
		Soft cheese	59
		Cheese powder	63
		Skimmed milk powder	38A
Whey powder	38B		

Analyte	Scheme ID	Matrix	Sample
Ash	QFCS	Cereal	770
		Ready to eat product	772
		Flour	775
		Bread	776
		Tomato paste/puree	783
		Cake	793
		Honey	801
		Coffee	802
		Ground pasta	816
		Jam or marmalade	817
		Instant coffee	824
	Non-wheat flour	832	
	QGS	Gelatine	606
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Fish		734	
Fish		760	
SUPS	Cane or beet sugar	1	
	Raw sugar	7	
	Corn syrup	11	
Ash (total)	QFCS	Ground pepper	815
		Vinegar	822
		Dried tea	829
Ash insoluble in hydrochloric acid	AFPS	Animal feed	1
		Wet Pet Food	9
Ash sulfated	OIL	Engine oil lubricants	5
Aspartame	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
	QFCS	Liquid	761
Aspartic acid	QFCS	Infant formula powder	823
Asphaltenes	OIL	Crude oil	4
Asulam	AQUACHECK	Groundwater	8
Atomoxetine	TDM	Lyophilised human serum	PST1
ATP (Level)	HYGIENE	12.5cm x 8.5cm plastic rectangle	5
Atrazine	AQUACHECK	Clean water	53
		Synthetic effluent	20B
		Water Framework Directive	34B
		Groundwater	8B
		Spiking solutions	TRIAL

Analyte	Scheme ID	Matrix	Sample
Azinphos-ethyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
	CONTEST	Standard solutions & soil	C30
Azinphos-methyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
	CONTEST	Standard solutions & soil	C30
Azo - Dyes (EN14362-1 & EN14362-3)	TOYTEST	Toy material	8
Azoxystrobin	AQUACHECK	Spiking solution	40
Bacillus cereus enumeration	QMS	Skimmed milk powder	17
		Oatmeal	17
		Skimmed milk powder	36
	QMAS	Meat	756
Bacillus species	QMS	Skimmed milk powder	17
		Oatmeal	17
Bacteria (Identification)	CLS	Liquid	BCP
		Liquid	GIP
		Liquid	MEP
		Liquid	RSP
Bacterial count (total)	PHARMASSURE	Lyophilised test material	4A
Bacterial level by Bactoscan	QMS	Skimmed milk	39
Bacterial level by colony count	QMS	Skimmed milk	39
Bacterial vaginosis	CLS	Slides	GSV
Barbiturate drugs	QUARTZ	Blood	1
		Blood and case study	2
Barbiturates Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Barium	AQUACHECK	Natural water	4
		Marine water	62
		Industrial wastewater	17C
		Hard water	1H
		Soft water	1S
		Groundwater	4G
		Seawater	TRIAL

Analyte	Scheme ID	Matrix	Sample
Barium	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	TOYTEST	EN71 - 3 Standard solution and real material	3
	Base number	OIL	Engine oil lubricants
Service Engine Oil			6
Benazolin	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Bentazone	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Benz[a]anthracene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Soil	Group C, 3C
		Standard solution	Group C, 5
	QFCS	Vegetable oil	805
Benzene	AIR	Charcoal filled glass sorbent tubes (Workplace air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Ambient)	12
		Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
		Carbopack X filled sorbent tubes	12A
	AQUACHECK	Synthetic effluent	18C
		Water Framework Directive	34J
		Groundwater	6C
	CONTEST	Soil	22
		Standard solution	Group C, 15
	PHARMASSURE	Residual Solvents	2E



Analyte	Scheme ID	Matrix	Sample
Benzo[a]pyrene	AQUACHECK	Synthetic effluent	19C
		Water Framework Directive	34F
		Clean water	52
		Spiking solutions	TRIAL
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
QFCS	Vegetable oil	805	
Benzo(b)fluoranthene	AQUACHECK	Synthetic effluent	19C
		Water Framework Directive	34F
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
	QFCS	Vegetable oil	805
Benzo(b/k)fluoranthene (Sum)	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benzo(ghi)perylene	AQUACHECK	Synthetic effluent	19C
		Water Framework Directive	34F
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benzo(k)fluoranthene	AQUACHECK	Synthetic effluent	19C
		Water Framework Directive	34F
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Benzodiazepine	DAH	Hair	DH01
		Hair	DH02
Benzodiazepine drugs	QUARTZ	Blood	1
		Blood and case study	2
Benzodiazepine Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3

Analyte	Scheme ID	Matrix	Sample
Benzoic acid	COSMETICS	Cream sample	27
		Mascara	31
	DAPS	Ready to drink	Group E, E1
	QBS	Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
Benzoic acid (E210 - E213)	QFCS	Liquid	760
Beryllium	AIR	Cellulose ester filter	18
	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Industrial wastewater	17C
		Groundwater	5G
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
Beta Endosulphan	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Beta Glucan	MAPS	Brewers and distillers malt	1
Beta Glucan (EBC Wort)	MAPS	Wheat	7
Beta Glucan (IoB Wort)	MAPS	Wheat	7
Beta Hexachlorocyclohexane	AQUACHECK	Clean water	58
		Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Beta-lactoglobulin (β-lactoglobulin)	QFCS	Infant formula powder	810
Beta-sitosterol (β-sitosterol)	QFCS	Olive oil	791
Bicarbonate	AQUACHECK	Mineral Water	59
		Mineral Water	TRIAL
	QBS	Liquid test material	524
Bifenox	AQUACHECK	Clean water	53
		Spiking solutions	TRIAL
Bifenthrin	AQUACHECK	Waste water	51
Bifidobacterium species Count	QMS	Lyophilised test material	27

Analyte	Scheme ID	Matrix	Sample
Bile-tolerant gram-negative bacteria	PHARMASSURE	Lyophilised test material	4A
Bisphenol A	AQUACHECK	Water Framework Directive	34D
	TOYTEST	Plastic bead or pellet	16
Bitterness	BAPS	Ale (Bitter)	1B
		Lager	1L
		Ale	3
		Alcohol free/low alcohol beer	7
Blood culture	CLS	Pellet	COM
Blood parasite ID	CLS	Blood smears	BPS
BOD	AQUACHECK	Spiking solution	35
BOD (5 day)	AQUACHECK	Spiking solution	3
		Spiking solution	11
Boiled Wort Colour	MAPS	Brewers and distillers malt	1
"Boiled Wort Colour (EBC Wort)"	MAPS	Wheat	7
Bordetella parapertussis	CLS	Liquid	BTP
Bordetella pertussis	CLS	Liquid	BTP
Boron	AQUACHECK	Natural water	4
		Marine water	62
		Industrial wastewater	17C
		Groundwater	4G
		Seawater	TRIAL
	CONTEST	Soil	Group D, 18
	OIL	Service Engine Oil	6
TOYTEST	EN71 - 3 Standard solution and real material	3	
Boron (Total)	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
Boscalid	AQUACHECK	Spiking solution	40
BP distribution	OIL	#2 Diesel fuel	2
Breath alcohol (Alcohol technical defence - ATD)	QUARTZ	Paper exercise	5
BRF 8ml	MAPS	Barley	2
Brilliant blue (E133)	QFCS	Liquid	763
Brivaracetam	TDM	Human serum	AE5
Brix	QBS	Fruit juice	510
		Carbonated drinks	515
		Dilutable and ready to drink materials	517A
	QFCS	Tomato paste/puree	783
		Jam or marmalade	817

Analyte	Scheme ID	Matrix	Sample
Brix (total)	DAPS	Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Bromacil	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Bromate	AQUACHECK	Spiking solution	3A
Bromazepam	TOX	Serum	BNBZ
Bromide	AQUACHECK	Spiking solution	3A
Bromochloroacetic acid	AQUACHECK	Clean water	44
Bromodichloroacetic acid	AQUACHECK	Clean water	44
Bromodichloromethane	AQUACHECK	Waste water	64
		Synthetic effluent	18A
		Groundwater	6A
		Swimming Pool Water	TRIAL
Bromoform	AQUACHECK	Synthetic effluent	18A
		Groundwater	6A
Bromomethane	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
Bromoxynil	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Bulk density	QDCS	Whole protein concentrate	43
Buprenorphine	DAH	Hair	DH01
Buprenorphine	TDM	Human serum	SA01
Buprenorphine and Metabolite Screen	DAU	Urine	1
	DAU	Urine	2
	DAU	Urine	3
	DOF	Oral fluid	OF1
	DOF	Oral fluid	OF2
	DOF	Oral fluid	OF3
Burkholderia cepacia detection	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
Burkholderia cepacia enumeration	PHARMASSURE	Lyophilised test material	4B
Butyl acetate	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Butylparaben	COSMETICS	Cream sample	27
		Mascara	31

Analyte	Scheme ID	Matrix	Sample
Butyric acid	QCS	Chocolate	715
		Chocolate	715
Cadmium	AFPS	Animal feed	2
		Premix	8
	AIR	25 mm Cellulose acetate (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		Quartz fibre filter 47mm diameter (Ambient)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
		37 mm Cellulose acetate (Workplace air)	1B
		25 mm Cellulose acetate (Workplace air)	1C
	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
		Water Framework Directive	34A
		Clean water	5B
		Groundwater	5G
		Seawater	TRIAL
	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
	OIL	Service Engine Oil	6
	PHARMASSURE	Supplement	14
		Powder material	2B
	QBS	Fruit juice	518
		Soft drink	519
	QCS	Cocoa powder	718
		Chocolate	719

Analyte	Scheme ID	Matrix	Sample
Cadmium	QFCS	Dried tea	780
		Cereal	784
		Dried Fruit	786
		Edible Oil	785
		Brown rice	789
		Lyophilised mushrooms	795
		Table salt	819
		Infant fruit/vegetable puree	827
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
	Cadmium (Total)	AQUACHECK	Waste water
Water			TRIAL
TOYTEST		Paint flakes	9
Caffeine	QBS	Liquid test material	526
		Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
	QFCS	Coffee	802
		Instant coffee	824
		Dried tea	829
	TDM	Human serum	TD1
Calcium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Sewage sludge	16
		Mineral Water	59
		Marine water	61
		Hard water	1H
		Soft water	1S
		Seawater	TRIAL
		Mineral Water	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3

Analyte	Scheme ID	Matrix	Sample	
Calcium	OIL	Engine oil lubricants	5	
		Service Engine Oil	6	
	QBS	Fruit juice	510	
		Soft drink	519	
		Liquid test material	524	
	QDCS	Milk	28	
		Hard cheese	37	
		Whole milk powder	41	
		Yogurt	58	
		Soft cheese	59	
	QFCS	Flour	775	
		Bread	776	
		Cake	793	
		Coffee	802	
		Table salt	819	
		Non-wheat flour	832	
	QMAS	Precooked, raw or processed meat	731	
	Calculation of number of microorganisms	QWAS	Water	427
	Campesterol	QFCS	Olive oil	791
Campylobacter species detection	QMAS	Lyophilised meat	743	
	QMS	Lyophilised test material	21	
Campylobacter species enumeration	QMS	Lyophilised test material	32	
Candida albicans enumeration and detection	PHARMASSURE	Lyophilised test material	4B	
Candida albicans detection	COSMETICS	Powder	10B	
		Cream	13B	
		Liquid	16B	
Cannabidiol	PHARMASSURE	Oil or Powder	16	
Cannabinoids	DAH	Hair	DH01	
		Hair	DH02	
	QUARTZ	Blood	1	
		Blood and case study	2	
Cannabinoids (synthetic)	QUARTZ	Blood	7	
Cannabinoids Screen	DAU	Urine	1	
		Urine	2	
		Urine	3	
	DOF	Oral fluid	OF1	
		Oral fluid	OF2	
		Oral fluid	OF3	

Analyte	Scheme ID	Matrix	Sample
Capsaicin	QFCS	Chilli powder	826
Captan	AQUACHECK	Spiking solution	40
Carbamazepine	TDM	Human serum	TD1
Carbamazepine + CBZ-epoxide	TDM	Human serum	TD1
Carbendazim	AQUACHECK	Spiking solution	40
Carbetamide	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Carbofuran	AQUACHECK	Groundwater	8B
Carbohydrate	QBS	Liquid test material	525
		Liquid test material	526
	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Milk	66
		Cheese	67
	QFCS	Ketchup	811
		Mayonnaise	812
		Mustard	813
		Canned fruit	814
		Ground pasta	816
		Jam or marmalade	817
		Food product	821
		Instant coffee	824
		Nut product	828
		Food puree	833
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	760
	Carbohydrate (Total and available)	QFCS	Cereal
Ready to eat product			772
Carbohydrate (Total)	BAPS	Lager	2L
Carbon (total)	AQUACHECK	Sewage sludge	13
Carbon Dioxide	BAPS	Ale (Bitter)	1B
		Lager	1L
	DAPS	Ciders	Group C, C1
		Ready to drink	Group E, E1
	QBS	Carbonated drinks	515
		Liquid test material	524



Analyte	Scheme ID	Matrix	Sample
Carbon residue	OIL	#2 Diesel fuel	2
Carbon Tetrachloride	AQUACHECK	Synthetic effluent	18A
		Synthetic effluent	19B
		Groundwater	6A
		Groundwater	7B
	PHARMASSURE	Residual Solvents	2E
Carbon, Hydrogen and Nitrogen	OIL	#2 Diesel fuel	2
Carbonate content	AQUACHECK	Agricultural soil	14
Carboxyhaemoglobin	TOX	Human blood	BLD
Carboxyhaemoglobin drugs	QUARTZ	Blood	1
		Blood and case study	2
Cardiovascular drugs	QUARTZ	Blood	1
		Blood and case study	2
Carmoisine	QFCS	Liquid	762
Cationic-active matter	COSMETICS	Powder detergent	29
		Liquid detergent	32
CBZ-epoxide	TDM	Human serum	TD1
Chemical oxygen demand (COD) (settled)	AQUACHECK	Wastewater	17A
Chill difference	DAPS	Scotch whisky	Group B, B1
Chlamydia pneumoniae	CLS	Liquid	PNE
Chlamydia trachomatis	CLS	Liquid	CGC
Chloramphenicol	QMAS	Shellfish	754
Chlorate (High level)	AQUACHECK	Spiking solution	3A
Chlorate (Low level)	AQUACHECK	Spiking solution	3A
Chlorfenvinphos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Water Framework Directive	34C
		Clean water	56
		Spiking solutions	TRIAL
	CONTEST	Standard solutions & soil	C30
Chloridazon	AQUACHECK	Groundwater	8

Analyte	Scheme ID	Matrix	Sample
Chloride	AFPS	Animal feed	2
		Premix	8
	AIR	Quartz fibre filter 47mm diameter (Ambient)	14
	AQUACHECK	Spiking solution	10
		Mineral Water	59
		Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Mineral Water	TRIAL
	BAPS	Lager	2L
	CONTEST	Solid waste leachate	24
		Soil	Group D, 18
		Soil	Group E, 21
	QBS	Liquid test material	524
	QDCS	Whole milk powder	42
QFCS	Bread	776	
	Cake	793	
Chlorides (as Cl <sup>-</sup> )	COSMETICS	Liquid or solid soap	28
		Powder detergent	29
		Liquid detergent	32
Chlorine (Free)	AQUACHECK	Clean water	3B
Chlorite (High level)	AQUACHECK	Spiking solution	3A
Chlorite (Low level)	AQUACHECK	Spiking solution	3A
Chloroform	AQUACHECK	Synthetic effluent	18A
		Synthetic effluent	19B
		Groundwater	6A
		Groundwater	7B
	PHARMASSURE	Residual Solvents	2E
Chlorogenic acids (total)	QFCS	Coffee	802
		Instant coffee	824
Chlorophyll a	AQUACHECK	Clean water	33
Chlorothalonil	AQUACHECK	Spiking solution	40
Chloroxuron	AQUACHECK	Groundwater	8B
Chlorpromazine	TDM	New born calf serum	PS31
Chlorpyrifos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Clean water	56
		Water Framework Directive	34C
		Spiking solutions	TRIAL
	CONTEST	Standard solutions & soil	C30

Analyte	Scheme ID	Matrix	Sample	
Chlortoluron	AQUACHECK	Synthetic effluent	20B	
		Groundwater	8B	
Cholesterol	QDCS	Hard cheese	37	
		Soft cheese	59	
		Cheese	67	
	QFCS	Ready to eat product	772	
		Mayonnaise	812	
		Food product	821	
	QMAS	Dried or cured meat	730	
		Precooked, raw or processed meat	731	
Chlorine (Total)	AQUACHECK	Clean water	3C	
Chromium	AFPS	Animal feed	2	
		Premix	8	
	AIR	25 mm Cellulose acetate (Workplace air)	1	
		37 mm Cellulose acetate (Workplace air)	1A	
		Metals impinger solution (Stack emissions)	33	
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38	
		Bulk welding fume sample	10A	
		37 mm Cellulose acetate (Workplace air)	1B	
		25 mm Cellulose acetate (Workplace air)	1C	
	AQUACHECK	Natural water	5	
		Synthetic effluent	12	
		Sewage sludge	13	
		Agricultural soil	14	
		Industrial wastewater	17C	
		Groundwater	5G	
	CONTEST	Solid waste leachate	24	
		Standard solution	Group A, 1a	
		Soil extract	Group A, 2	
		Soil	Group A, 3A	
		Soil	Group D, 18	
		Soil	Group E, 21	
	COSMETICS	Lipstick	19	
		Lip gloss	20	
		Powder	21	
	OIL		Service Engine Oil	6
	TOYTEST		EN71 - 3 Standard solution and real material	3

Analyte	Scheme ID	Matrix	Sample
Chromium (III)	TOYTEST	EN71 - 3 Standard solution and real material	3
Chromium (Total)	AQUACHECK	Clean water	5B
	CONTEST	Standard solution	Group A, 29
Chromium (VI)	AIR	Welding fume or Paint dust	19
		Spiked NaOH treated Millipore PVDF filters 25 mm Ø	9
	AQUACHECK	Synthetic Wastewater	12C
		Clean water	5C
	CONTEST	Standard solution	Group A, 13
		Soil	Group A, 3A
		Soil	Group D, 18
	TOYTEST	EN71 - 3 Standard solution and real material	3
Chrysene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
	QFCS	Vegetable oil	805
Ciclosporin	IPT	Human blood	CICTAC
cis Alpha-linolenic acid (ALA)	QFCS	Cod liver oil	806
cis Docosahexaenoic (DHA)	QFCS	Cod liver oil	806
cis Docosapentaenoic (DPA)	QFCS	Cod liver oil	806
cis Eicosapentaenoic acid (EPA)	QFCS	Cod liver oil	806
cis-1,3-Dichloropropene	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
cis-Chlordane	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
cis-Permethrin	AQUACHECK	Waste water	51
Citalopram	QUARTZ	Blood	3
	TDM	New born calf serum	PS18
Citric acid	DAPS	Simulated spirit	Group B, B4
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
	QFCS	Ketchup	811
Clobazam	TDM	Human serum	CN1
Clomipramine	TDM	New born calf serum	PS03

Analyte	Scheme ID	Matrix	Sample
Clonazepam	TDM	Human serum	TD1
	TOX	Serum	BNBZ
Clopyralid	AQUACHECK	Groundwater	8
	AQUACHECK	Synthetic effluent	20
Clostridium difficile Antigen	CLS	Liquid	CDF
Clostridium difficile Toxin	CLS	Liquid	CDF
Clostridium perfringens detection	QMS	Skimmed milk powder	10
	QMS	Oatmeal	10
Clostridium perfringens enumeration	AFPS	Simulated animal feed	10
	QGS	Gelatine	603
	QMAS	Lyophilised meat	738
	QMS	Skimmed milk powder	10
		Oatmeal	10
		Skimmed milk	38
QWAS	Potable water	413	
Clostridium species	QMS	Skimmed milk powder	10
		Oatmeal	10
	AFPS	Simulated animal feed	10
Clostridium species enumeration	QMS	Skimmed milk powder	10
		Oatmeal	10
Cloud point	OIL	#2 Diesel fuel	2
Clozapine	TDM	Human serum	PS04
Coagulase positive staphylococci detection	QMS	Skimmed milk powder	36
		Skimmed milk	38
	QWAS	Mineral water	424
Coagulase positive staphylococci enumeration	QMAS	Lyophilised meat	738
		Lyophilised fish or shellfish	739
		Lyophilised fish or shellfish	739
	QMS	Skimmed milk powder	17
		Oatmeal	17
		Tea	29
		Skimmed milk powder	36
		Ready meal	41
	QWAS	Bathing, recreational and surface water	421
Coagulase positive staphylococci enumeration and/or detection	QMAS	Meat	756

Analyte	Scheme ID	Matrix	Sample
Cobalt	AFPS	Animal feed	2
		Premix	8
	AIR	25 mm Cellulose acetate (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
		Bulk welding fume sample	10A
		37 mm Cellulose acetate (Workplace air)	1B
		25 mm Cellulose acetate (Workplace air)	1C
	AQUACHECK	Natural water	5
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
		Groundwater	5G
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
	TOYTEST	EN71 - 3 Standard solution and real material	3
	Cocaine and metabolites	DAH	Hair
Hair			DH02
DAU		Urine	1
		Urine	2
		Urine	3
DOF		Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
COD		AQUACHECK	Spiking solution
	Spiking solution		11
	Spiking solution		35
	Waste water		60
	Water		TRIAL
	CONTEST	Soil	Group D, 18
	QDCS	Potassium hydrogen phthalate	35
COD (High)	AQUACHECK	Spiking solution	29
COD (Low)	AQUACHECK	Spiking solution	29
COD (non filterable)	AQUACHECK	Wastewater	17A

Analyte	Scheme ID	Matrix	Sample
COD (Total)	AQUACHECK	Wastewater	17A
Codeine	QFCS	Poppy seeds	831
	QUARTZ	Blood	3
Cold filter plugging point	OIL	#2 Diesel fuel	2
Cold water extract	MAPS	Brewers and distillers malt	1
Coliforms detection	QGS	Gelatine	602
	QMS	Skimmed milk powder	18
		Oatmeal	18
QWAS	Potable water	425	
Coliforms detection and/or enumeration	PHARMASSURE	Medicinal herb	10
Coliforms enumeration	AFPS	Simulated animal feed	7
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	735
	QMS	Skimmed milk powder	16
		Oatmeal	16
		Skimmed milk powder	18
		Oatmeal	18
		Tea	29
	QWAS	Ready meal	41
		Potable water	412
			Sterile water
Colony count/calculation	QMS	Photograph and a scenario	35
		Photograph and a scenario	35
Colour	AQUACHECK	Hard water	2H
		Soft water	2S
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Ciders	Group C, C1
	MAPS	Brewers and distillers malt	1
		Black Malt	4A
		Crystal malt	4B
	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
QFCS	Oil or fat	778	

Analyte	Scheme ID	Matrix	Sample
Colour	SUPS	Cane or beet sugar	1
		Molasses	5
		Raw sugar	7
		Corn syrup	11
Colour (EBC Wort)	MAPS	Wheat	7
Colour (IoB Wort)	MAPS	Wheat	7
Colour absorbance	DAPS	Ready to drink	Group E, E1
Colour at 420nm	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Colour at 430nm	BAPS	Ale (Bitter)	1B
		Ale	3
		Alcohol free/low alcohol beer	7
		Lager	1L
Colour at 520nm	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Colour at 530nm	BAPS	Ale	3
Colour at 620nm	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Complex cyanide	CONTEST	Soil	Group B, 3B
Conductivity	AQUACHECK	Agricultural soil	14
Conductivity (20°C)	AQUACHECK	Waste water	60
		Marine water	61
		Wastewater	17A
		Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Hard water	2H
		Soft water	2S
		Water	TRIAL
		Seawater	TRIAL
		CONTEST	Soil
	QBS	Liquid test material	524
Conductivity (low level)	PHARMASSURE	Sample format will depend upon test type	2D
		Sample format will depend upon test type	8A
Confirmation and /or Identification of Campylobacter species	CONFIDENT	Lyophilised test material	4
		Lyophilised test material	4



Analyte	Scheme ID	Matrix	Sample
Confirmation and /or Identification of Cronobacter species including Cronobacter sakazakii	CONFIDENT	Lyophilised test material	5
		Lyophilised test material	5
Confirmation and /or Identification of Gram positive organisms	CONFIDENT	Lyophilised test material	7
		Lyophilised test material	7
Confirmation and /or Identification of Gram-negative organisms	CONFIDENT	Lyophilised test material	3
		Lyophilised test material	3
Confirmation and /or Identification of Listeria species including Listeria monocytogenes	CONFIDENT	Lyophilised test material	2
		Lyophilised test material	2
Confirmation and /or Identification of Salmonella species	CONFIDENT	Lyophilised test material	1
		Lyophilised test material	1
Confirmation and /or Identification of yeast strains	CONFIDENT	Lyophilised test material	6
		Lyophilised test material	6
Confirmation of authenticity	QFCS	Oregano or ground pepper	825
Coniferaldehyde	DAPS	Scotch whisky	Group B, B1
Copper	AFPS	Animal feed	2
		Premix	8
	AIR	25 mm Cellulose acetate (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
		Bulk welding fume sample	10A
		37 mm Cellulose acetate (Workplace air)	1B
		25 mm Cellulose acetate (Workplace air)	1C
		AQUACHECK	Natural water
	Synthetic effluent		12
	Sewage sludge		13
	Agricultural soil		14
	Marine water		62
	Industrial wastewater		17C
	Groundwater		4G
	Clean water	5B	
	Seawater	TRIAL	
	BAPS		Lager

Analyte	Scheme ID	Matrix	Sample
Copper	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	OIL	Service Engine Oil	6
	QBS	Soft drink	519
	QDCS	Whole milk powder	41
	QFCS	Coffee	802
		Table salt	819
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
Copper (total)	AQUACHECK	Waste water	60
		Water	TRIAL
Copper corrosion	OIL	#2 Diesel fuel	2
Coronavirus	CLS	Liquid	PNE
Cotinine	TDM	Lyophilised human urine	NC01
Cresols	CONTEST	Soil	Group C, 3C
Cresols (Total)	CONTEST	Standard solution	Group C, 7b
Cronobacter species detection	QMS	Oatmeal	4
		Skimmed milk powder	4
		Skimmed milk	42
		Skimmed milk	43
Crude ash	AFPS	Animal feed	1
		Wet Pet Food	9
		Fish feed	13
		Fish feed	14

Analyte	Scheme ID	Matrix	Sample
Crude fat	AFPS	Animal feed	1
		Wet Pet Food	9
		Fish feed	13
		Fish feed	14
Crude fibre	AFPS	Animal feed	1
		Wet Pet Food	9
		Fish feed	13
		Fish feed	14
	QFCS	Dried tea	829
Crude fibre, insoluble index	QFCS	Ground pepper	815
Crude protein	AFPS	Animal feed	1
		Wet Pet Food	9
		Fish feed	13
		Fish feed	14
Cryptosporidium Antigen	CLS	Liquid	CRG
Cryptosporidium oocysts enumeration	CRYPTS	Dynal Slide	1
		Genera Slide	2
		Suspension	3
		Filta Max Filters	4
		Xpress Filter	5
CSF culture	CLS	Pellet	COM
Cyanazine	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Cyanide	AQUACHECK	Industrial wastewater	17B
Cyanide (Free)	AQUACHECK	Spiking solution	10
		Hard water	2H
		Soft water	2S
	CONTEST	Soil	Group B, 3B
		Soil	Group D, 18
Cyanide (Total)	AQUACHECK	Spiking solution	10
		Hard water	2H
		Soft water	2S
	CONTEST	Soil	Group B, 3B
		Standard solution	Group B, 6
		Soil	Group D, 18
Cyclamic acid (As free acid)	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
Cyclohexanone	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21

Analyte	Scheme ID	Matrix	Sample
Cyfluthrin	AQUACHECK	Waste water	51
Cypermethrin	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Waste water	51
		Clean water	52
	Spiking solutions	TRIAL	
	CONTEST	Standard solutions & soil	C30
Cyproconazole	AQUACHECK	Spiking solution	40
Cyprodinil	AQUACHECK	Spiking solution	40
Cyromazine	AQUACHECK	Groundwater	8B
Cystein & Cystine	QFCS	Infant formula powder	823
d13CVPDB	FIRMS	Various products (waxes, oils, plant material, chitin)	1
		Various products (waxes, oils, plant material, chitin)	2
		Honey	3
d15NAIR	FIRMS	Various products (waxes, oils, plant material, chitin)	1
		Various products (waxes, oils, plant material, chitin)	2
		Honey	3
d18OVSMOW	FIRMS	Various products (waxes, oils, plant material, chitin)	1
		Various products (waxes, oils, plant material, chitin)	2
		Honey	3
d2HVSMOW	FIRMS	Various products (waxes, oils, plant material, chitin)	1
		Various products (waxes, oils, plant material, chitin)	2
		Honey	3
Daphnia Magna 24hr EC50	AQUACHECK	Ecotoxicology	50
Daphnia Magna 48hr EC50	AQUACHECK	Ecotoxicology	50
Degrees of crystallisation	MAPS	Crystal malt	4B
DEHP	AQUACHECK	Water Framework Directive	34J
Dehydroaripiprazole	TDM	New born calf serum	PS25
Delta ECN 42 ( $\Delta$ ECN 42)	QFCS	Olive oil	791
Delta Hexachlorocyclohexane	AQUACHECK	Clean water	58
		Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Delta K ( $\Delta$ K)	QFCS	Olive oil	791

Analyte	Scheme ID	Matrix	Sample
Delta-7-stigmastenol	QFCS	Extra virgin olive oil	790
Density	COSMETICS	Liquid cosmetics	23
	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
	PHARMASSURE	Standard material	1D
QFCS	Vinegar	822	
Density (20°C)	DAPS	Scotch whisky	Group B, B1
		Clear distilled spirit	Group B, B3
		Ready to drink	Group E, E1
Density, relative density or API gravity	OIL	Crude oil	4
Deoxynivalenol (DON)	MAPS	Malt flour	3
Desethylamiodarone	TDM	Human serum	CRD
Desethylatrazine	AQUACHECK	Groundwater	8B
Desipramine	TDM	New born calf serum	PS02
Desisopropylatrazine	AQUACHECK	Groundwater	8B
Dextran	SUPS	Raw sugar	7
Diacetyl	AIR	Tenax TA filled sorbent tubes (Workplace air)	21
Diastase enzymatic activity	QFCS	Honey	801
Diastatic Power (DP loB)	MAPS	Brewers and distillers malt	1
Diastatic Power (DPWK)	MAPS	Brewers and distillers malt	1
"Diastatic Power (DP loB)"	MAPS	Malt	6
		Wheat	7
Diazepam	QUARTZ	Blood	3
	TOX	Human serum	BNZ
Diazinon	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Clean water	56
		Spiking solutions	TRIAL
	CONTEST	Standard solutions & soil	C30
Dibenz(a,h)anthracene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Dibromoacetic acid	AQUACHECK	Clean water	44
Dibromochloroacetic acid	AQUACHECK	Clean water	44

Analyte	Scheme ID	Matrix	Sample
Dibromochloromethane	AQUACHECK	Waste water	64
		Synthetic effluent	18A
		Groundwater	6A
Dibromodichloromethane	AQUACHECK	Swimming Pool Water	TRIAL
Dicamba	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Dichlobenil	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Dichloroacetic acid	AQUACHECK	Clean water	44
Dichloromethane	AQUACHECK	Water Framework Directive	34H
	CONTEST	Standard solution	Group C, 19
Dichloromethane	CONTEST	Soil	25
Dichlorprop	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Dichlorvos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Clean water	56
		Spiking solutions	TRIAL
	CONTEST	Standard solutions & soil	C30
Diclofenac	AQUACHECK	Clean water	57
		Spiking solutions	TRIAL
	TDM	Human serum	AM1
Diclofol	AQUACHECK	Clean water	53
		Spiking solutions	TRIAL
Dieldrin	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Dietary Fibre	QBS	Liquid test material	525
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	760
Diflufenican	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Digoxin	TDM	Human serum	TD1
Dimethoate	AQUACHECK	Groundwater	9

Analyte	Scheme ID	Matrix	Sample
Dimethyl sulfide	BAPS	Lager	2L
Dimethyl sulfide (DMS) (total)	MAPS	Brewers and distillers malt	1
Dimethyl sulfide precursor (DMSP)	MAPS	Brewers and distillers malt	1
Dimethyl sulfide precursor (DMSP)	MAPS	Brewers and distillers malt	1
Diphenylamine	AQUACHECK	Spiking solutions	TRIAL
Dipotassium hydrogen phosphate	PHARMASSURE	Standard solution	1C
Dissolution	PHARMASSURE	Sample format varies for each round	2C
		Dissolution testing	7A
Dissolved Organic Carbon (DOC)	AQUACHECK	Spiking solution	3
	CONTEST	Solid waste leachate	24
		Soil	Group E, 21
Dissolved Oxygen	DAPS	Ready to drink	Group E, E1
Dissolved/Total organic carbon	AQUACHECK	Spiking solution	11
Distillable phenolic substances	CONTEST	Soil	Group C, 3C
Distillation	OIL	#2 Diesel fuel	2
Diuron	AQUACHECK	Synthetic effluent	20B
		Water Framework Directive	34B
		Groundwater	8B
DL- $\alpha$ -Tocopherol	QBS	Soft drink	521
Dodecane	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Dothiepin	TDM	New born calf serum	PS19
Doxepin	TDM	New born calf serum	PS05
DPWK (Diastatic power)	MAPS	Malt	6
		Wheat	7
Drained weight	QFCS	Canned fruit	814
Dry matter	CONTEST	Soil	Group B, 3B
Dry Matter Content Ratio	CONTEST	Soil	Group E, 21
Dry Residue	AQUACHECK	Mineral Water	59
Dry residue (180°)	QBS	Liquid test material	524
Dry substance	SUPS	Molasses	5
Duloxetine	TDM	New born calf serum	PS27
Dynamic Viscosity	PHARMASSURE	Sample format will depend upon test type	6C
Ear/Eye culture	CLS	Pellet	COM
"EBC Fermentability (Boiled)"	MAPS	Wheat	7
EDDP	TDM	Human serum	SA02

Analyte	Scheme ID	Matrix	Sample
EDDP Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Egg white protein	QFCS	Cake Mix	799
Electrical conductivity	QFCS	Honey	801
Electrical testing analysis	TOYTEST	Electrical	15
Elemental carbon	AIR	Quartz fibre filter 47mm diameter (Ambient)	16
Elemental sulfur	CONTEST	Soil	Group C, 3C
Ellagic Acid	DAPS	Scotch whisky	Group B, B1
Endosulfan Sulfate	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
Endosulphan	AQUACHECK	Water Framework Directive	34E
Endotoxins	PHARMASSURE	Solution	11
Endrin	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Endrin Aldehyde	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
Energy	AFPS	Fish feed	13
	QBS	Liquid test material	525
		Liquid test material	526
	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Butter	36
		Hard cheese	37
		Yogurt	58
		Soft cheese	59
		Milk	66
	Cheese	67	



Analyte	Scheme ID	Matrix	Sample
Energy	QFCS	Cereal	770
		Ready to eat product	772
		Cake	793
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Canned fruit	814
		Ground pasta	816
		Jam or marmalade	817
		Food product	821
		Nut product	828
	Food puree	833	
	QMAS	Dried or cured meat	730
Precooked, raw or processed meat		731	
Fish		760	
Energy Value (kcal)	BAPS	Lager	2L
Energy Value (kJ)	BAPS	Lager	2L
Enterobacter cloacae complex	CLS	Liquid	PNE
Enterobacteriaceae detection	QGS	Gelatine	602
	QMS	Skimmed milk powder	18
		Oatmeal	18
Enterobacteriaceae enumeration	AFPS	Simulated animal feed	7
	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Meat	756
		Lyophilised meat	735
		Lyophilised fish or shellfish	739
		Lyophilised fish or shellfish	739
	QMS	Skimmed milk powder	16
		Oatmeal	16
		Skimmed milk powder	18
		Oatmeal	18
		Skimmed milk powder	36

Analyte	Scheme ID	Matrix	Sample
Enterococci (faecal streptococci) detection	QWAS	Potable water	425
Enterococci (faecal streptococci) enumeration	QCS	Cocoa powder	713
		Chocolate	717
	QMS	Skimmed milk powder	9
		Oatmeal	9
	QWAS	Potable water	412
		Bathing, surface and wastewater	419
		Mineral water	420
		Sea water	422
EPA+DHA Omega-3 fatty acids (total)	QFCS	Cod liver oil	806
		Cod liver oil	806
Epoxyconazole	AQUACHECK	Spiking solution	40
Erectile dysfunction drugs	QUARTZ	Blood	1
		Blood and case study	2
Erythrodiol & Uvaol	QFCS	Olive oil	791
Escherichia coli	CLS	Liquid	PNE
Escherichia coli detection	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
	PHARMASSURE	Lyophilised test material	4A
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QMS	Skimmed milk powder	18
		Oatmeal	18
	QWAS	Potable water	425
	Escherichia coli enumeration	AFPS	Simulated animal feed
HYGIENE		12.5cm x 8.5cm plastic rectangle	1
QMAS		Meat	756
		Lyophilised meat	735
		Lyophilised fish or shellfish	739
		Lyophilised fish or shellfish	739
QMS		Skimmed milk powder	16
		Oatmeal	16
		Skimmed milk powder	18
		Oatmeal	18
		Skimmed milk powder	20
		Oatmeal	20
	Skimmed milk powder	36	

Analyte	Scheme ID	Matrix	Sample
Escherichia coli enumeration	QWAS	Potable water	412
		Effluent sludge	416
		Bathing, surface and wastewater	419
		Mineral water	420
		Sea water	422
Escherichia coli O157 (non toxigenic strain) detection	QMS	Skimmed milk powder	22
		Oatmeal	22
		Skimmed milk powder	37
		Dried food	44
	QBS	Fruit juice	507
	QGS	Gelatine	602
	QMAS	Meat	757
Lyophilised meat		744	
Escitalopram	TDM	New born calf serum	PS28
Ethanol	PHARMASSURE	Residual Solvents	2E
	TOX	Human blood	BLD
		Human serum	SM
		Blood	TAK
		Serum	TAS
		Urine	URN
Ethanol (Alcohol in blood)	QUARTZ	Blood	4
Ethion	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Ethosuximide	TDM	Human serum	TD1
Ethyl Acetate	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Ethyl Benzene	AIR	Charcoal filled glass sorbent tubes (Workplace air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Ambient)	12
		Carbopack X filled sorbent tubes	12A
	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
	CONTEST	Soil	22
		Standard solution	Group C, 15

Analyte	Scheme ID	Matrix	Sample
Ethyl Carbamate	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
Ethyl Dodecanoate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Esters	QFCS	Extra virgin olive oil	790
Ethyl Glucuronide	DAU	Urine	1
		Urine	2
		Urine	3
Ethyl Hexadecanoate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Hexanoate	BAPS	Lager	2L
	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Linoleate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Linolenate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Octadecanoate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Oleate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl Sulfate	DAU	Urine	1
		Urine	2
		Urine	3
Ethyl Tetradecanoate	DAPS	Non chill filtered whisky	Group B, B5
Ethyl-9-Hexadecenoate	DAPS	Non chill filtered whisky	Group B, B5
Ethylene Glycol	TOX	Blood	TAK
		Serum	TAS
Evaporating loss (Noack)	OIL	Engine oil lubricants	5
Everolimus	IPT	Human blood	EVE
Extract 0.2mm	MAPS	Brewers and distillers malt	1
Extract 0.7mm	MAPS	Brewers and distillers malt	1
Extract 1.0mm	MAPS	Brewers and distillers malt	1
Extract difference (0.2 - 0.7)	MAPS	Brewers and distillers malt	1
Extract difference (0.2 - 1.0)	MAPS	Brewers and distillers malt	1
Extract: 0.2mm	MAPS	Wheat	7
Faecal Coliforms enumeration	QWAS	Bathing, surface and wastewater	419
		Sea water	422
FAN (Free Alpha Amino Nitrogen)	MAPS	Wheat	7
FAN (IoB Wort) (Free Alpha Amino Nitrogen)	MAPS	Malt	6
		Wheat	7

Analyte	Scheme ID	Matrix	Sample
Fat	QBS	Liquid test material	525
	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Skimmed milk	27
		Butter	36
		Hard cheese	37
		Whipping cream	39
		Semi skimmed milk	40
		Whole protein concentrate	43
		Skimmed milk powder	51
		Whole milk powder	52
		Single cream	53
		Double cream	54
		Whole milk	55
		Yogurt	58
		Soft cheese	59
		Cheese powder	63
		Milk	66
		Cheese	67
		Whey powder	38B
		QFCS	Cereal
	Ready to eat product		772
	Flour		775
	Bread		776
	Cake		793
	Ketchup		811
	Mayonnaise		812
	Mustard		813
	Ground pasta		816
	Jam or marmalade		817
	Food product		821
	Instant coffee		824
Nut product	828		
Non-wheat flour	832		
Food puree	833		
QMAS	Fish	734	
	Fish	760	

Analyte	Scheme ID	Matrix	Sample
Fat (Total)	QMAS	Meat	733
Felbamate	TDM	Human serum	AE2
Fenitrothion	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Clean water	56
		Spiking solutions	TRIAL
	CONTEST	Standard solutions & soil	C30
Fenpropimorph	AQUACHECK	Spiking solution	40
Fenthion	AQUACHECK	Groundwater	9
		Synthetic effluent	21
	CONTEST	Standard solutions & soil	C30
Fermentability (Boiled)	MAPS	Brewers and distillers malt	1
Fermentability (Unboiled 0.2mm)	MAPS	Brewers and distillers malt	1
Fermentability (Unboiled 0.7mm)	MAPS	Brewers and distillers malt	1
Fermentable sugars	SUPS	Molasses	5
Final gravity	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Fish speciation	QMAS	Fish	752
Fixed acidity	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
Flame Spectroscopy	PHARMASSURE	Sample format will depend upon test type	6H
Flash point	OIL	#2 Diesel fuel	2
		Service Engine Oil	6
Flash point (Closed cup)	OIL	Engine oil lubricants	5
Flash point (Open cup)	OIL	Engine oil lubricants	5
Flecainide	TDM	Human serum	CRD
Florasulam	AQUACHECK	Groundwater	8B
Flufenacet	AQUACHECK	Groundwater	8
Flumethrin	AQUACHECK	Waste water	51
Fluoranthene	AQUACHECK	Clean water	52
		Synthetic effluent	19C
		Water Framework Directive	34F
		Groundwater	7C
		Spiking solutions	TRIAL
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5

Analyte	Scheme ID	Matrix	Sample
Fluorene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Fluoride	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
		Hard water	1H
		Soft water	1S
	CONTEST	Solid waste leachate	24
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
QUARTZ	Blood	4	
Fluoride (Total)	CONTEST	Standard solution	Group B, 17
Fluoxetine	AQUACHECK	Spiking solutions	TRIAL
Fluoxetine	AQUACHECK	Clean water	57
	TDM	New born calf serum	PS06
Fluphenazine	TDM	New born calf serum	PS07
Fluroxypyr	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Flusilazole	AQUACHECK	Spiking solution	40
Flutriafol	AQUACHECK	Spiking solution	40
Fluvoxamine	TDM	New born calf serum	PS22
Flux testing (EN71-1 & ASTM F963)	TOYTEST	Magnets	14
Foam stability (HRV)	BAPS	Lager	2L
Foreign body (identification)	QFCS	Sample A / Sample B (both potentially contaminated)	818
		Sample A / Sample B (both potentially contaminated)	818
Formaldehyde	AQUACHECK	Spiking solution	28
Formaldehyde 2,4-DNPH derivative	AIR	Glass fibre filter 25mm diameter (Workplace air)	8
Formol number	QFCS	Ketchup	811
Fraction IV (<2.2mm + damaged corns from all other sieves)	MAPS	Brewers and distillers malt	1
		Barley	2
Free 2,3-Pentanedione	BAPS	Ale	3
		Lager	2L

Analyte	Scheme ID	Matrix	Sample	
Free acidity	QFCS	Honey	801	
Free alpha amino nitrogen (FAN)	BAPS	Lager	2L	
	MAPS	Brewers and distillers malt	1	
		Brewers and distillers malt	1	
Free caustic alkali (as NaOH)	COSMETICS	Liquid or solid soap	28	
Free diacetyl	BAPS	Ale	3	
		Lager	2L	
Free dimethyl sulfide (DMS)	MAPS	Brewers and distillers malt	1	
Free fatty acids	QFCS	Oil or fat	778	
Free fatty acids (acidity)	QFCS	Extra virgin olive oil	790	
		Olive oil	791	
		Frying oil	796	
Free fatty acids (as oleic acid)	COSMETICS	Liquid or solid soap	28	
Freezing point depression (FPD)	QDCS	Milk	56	
Friability	MAPS	Brewers and distillers malt	1	
Fructose	DAPS	Scotch whisky	Group B, B1	
		Dark distilled spirit	Group B, B2	
		Clear distilled spirit	Group B, B3	
		Simulated spirit	Group B, B4	
		White or Rosé wine	Group D, D1	
		Red wine	Group D, D2	
	QBS	Fruit juice	510	
		Carbonated drinks	515	
		Liquid test material	525	
		Liquid test material	526	
		Dilutable and ready to drink materials	517B	
	QCS	Chocolate	715	
		Cocoa powder	716	
	QFCS	Honey	801	
		Canned fruit	814	
		Jam or marmalade	817	
	SUPS	Corn syrup	11	
	FTIR, Fuel Dilution	OIL	Service Engine Oil	6
	FTIR, Glycol	OIL	Service Engine Oil	6
	FTIR, Nitration (Procedure A)	OIL	Service Engine Oil	6
FTIR, Nitration (Procedure B)	OIL	Service Engine Oil	6	



Analyte	Scheme ID	Matrix	Sample
FTIR, Oxidation (Procedure A)	OIL	Service Engine Oil	6
FTIR, Oxidation (Procedure B)	OIL	Service Engine Oil	6
FTIR, Phosphate (Procedure A)	OIL	Service Engine Oil	6
FTIR, Phosphate (Procedure B)	OIL	Service Engine Oil	6
FTIR, Sulfation (Procedure A)	OIL	Service Engine Oil	6
FTIR, Sulfation (Procedure B)	OIL	Service Engine Oil	6
FTIR, Water	OIL	Service Engine Oil	6
Fuel Dilution	OIL	Service Engine Oil	6
Furfural	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Gabapentin	TDM	Human serum	AE1
Gadoleic acid 20:1 (cis & trans)	QFCS	Olive oil	791
Gallic acid	DAPS	Scotch whisky	Group B, B1
Gammahydroxybutyrate (GHB)	DAU	Urine	1
		Urine	2
		Urine	3
	TOX	Urine	GHB
Gel strength (Bloom)	QGS	Gelatine	606
Gelation index	OIL	Engine oil lubricants	5
Gelation Index Temp	OIL	Engine oil lubricants	5
Gentamicin	TDM	Human serum	AT01
Geosmin	AQUACHECK	Spiking solution	39
Germinative capacity	MAPS	Barley	2
Germinative energy	MAPS	Barley	2
Giardia Antigen	CLS	Liquid	CRG
Ginsenoside Rb1	PHARMASSURE	Supplement	13
Ginsenoside Rb2	PHARMASSURE	Supplement	13
Glassy (Whole) corns	MAPS	Brewers and distillers malt	1

Analyte	Scheme ID	Matrix	Sample
Glucose	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	QCS	Chocolate	715
		Cocoa powder	716
	QFCS	Honey	801
		Canned fruit	814
		Jam or marmalade	817
	QBS	Fruit juice	510
		Carbonated drinks	515
		Dilutable and ready to drink materials	517B
Glutamic acid	QFCS	Infant formula powder	823
Gluten	BAPS	Gluten free beer	8
	QFCS	Flour	781
Glycerol	DAPS	Simulated spirit	Group B, B4
	PHARMASSURE	Solution	12
Glycol	OIL	Service Engine Oil	6
Glycosidic nitrile	MAPS	Brewers and distillers malt	1
		Malt	6
Glyphosate	AQUACHECK	Synthetic effluent	20
	QFCS	Barley flour	807
Gram Stain Interpretation	CLS	Slides	VGS
Gross alpha as 230 Thorium	AQUACHECK	Clean water	30
Gross alpha as 239 Plutonium	AQUACHECK	Clean water	30
Gross alpha as 241 Americium	AQUACHECK	Clean water	30
Gross beta as 137 Caesium	AQUACHECK	Clean water	30
Gross beta as 40 Potassium	AQUACHECK	Clean water	30
Gross beta as 90 Strontium	AQUACHECK	Clean water	30
Guaiacol producing thermophilic acidophilic bacteria detection	QBS	Lyophilised test material	506
	SUPS	Lyophilised test material	8
Haemophilus influenzae	CLS	Liquid	PNE
Hakicarbon	AIR	Tenax TA filled sorbent tubes (Workplace air)	22

Analyte	Scheme ID	Matrix	Sample
Haloperidol	TDM	New born calf serum	PS14
Hartong VZ45	MAPS	Brewers and distillers malt	1
Haze	DAPS	Ciders	Group C, C1
Haze at 0°C	BAPS	Ale (Bitter)	1B
		Lager	1L
Haze at 20°C	BAPS	Ale (Bitter)	1B
		Lager	1L
Heat content	OIL	#2 Diesel fuel	2
Heat unit	QFCS	Chilli powder	826
Hectolitre mass	MAPS	Barley	2
Heptachlor	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Clean water	58
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Heptachlor epoxide	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Heptylphenol	AQUACHECK	Water Framework Directive	34D
Hexachloro-1,3-butadiene	CONTEST	Standard solution	Group C, 19
		Soil	25
Hexachlorobenzene	AQUACHECK	Synthetic effluent	19A
		Water Framework Directive	34E
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Hexachlorobutadiene	AQUACHECK	Clean water	56
		Synthetic effluent	19B
		Water Framework Directive	34E
		Groundwater	7B
		Spiking solutions	TRIAL
Hexachlorocyclohexane	AQUACHECK	Water Framework Directive	34E
Hexane	PHARMASSURE	Residual Solvents	2E
Hexylphenol	AQUACHECK	Water Framework Directive	34D

Analyte	Scheme ID	Matrix	Sample
High temperature simulated distillation (HTSD)	OIL	Crude oil	4
High temperature stability	OIL	#2 Diesel fuel	2
Highly heat resistant thermophilic aerobic spores enumeration	QMS	Skimmed milk powder	11
		Oatmeal	11
Histamine	QMAS	Fish	748
Histidine	QFCS	Infant formula powder	823
HMX (Octogen)	AQUACHECK	Spiking solutions	TRIAL
Homogeneity	MAPS	Brewers and distillers malt	1
HO-risperidone	TDM	New born calf serum	PS10
HPV	CLS	Preservative solution	HPV
HPV genotyping	CLS	Preservative solution	HPV
HTHS viscosity	OIL	Engine oil lubricants	5
Huan Rhinovirus / Enterovirus	CLS	Liquid	PNE
Human Metapneumovirus (hMPV)	CLS	Liquid	PNE
Hydrocarbon type(s)	OIL	#2 Diesel fuel	2
Hydrogen chloride	AIR	Impinger solution (Stack emissions)	36
Hydrogen fluoride	AIR	Impinger solution (Stack emissions)	35
Hydroquinone	COSMETICS	Cream	22
Hydroxymethylfurfural (HMF)	QFCS	Honey	801
Hydroxyproline	QMAS	Meat	733
Hypnotic drugs	QUARTZ	Blood	1
		Blood and case study	2
Ibuprofen	AQUACHECK	Clean water	57
		Spiking solutions	TRIAL
	TDM	Human serum	AM1
Indeno (1,2,3-cd)pyrene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Indeno (123-cd)pyrene	AQUACHECK	Water Framework Directive	34F
Indigo carmine (E132)	QFCS	Liquid	762
Influenza A	CLS	Liquid	PNE
Influenza A Antigen	CLS	Liquid	VIR
Influenza B	CLS	Liquid	PNE
Influenza B Antigen	CLS	Liquid	VIR

Analyte	Scheme ID	Matrix	Sample
Insolubility index	QDCS	Whole protein concentrate	43
		Skimmed milk powder	51
		Whole milk powder	52
Insoluble impurities	QFCS	Extra virgin olive oil	790
Insoluble matter in ethanol	COSMETICS	Liquid or solid soap	28
Insolubles	OIL	Service Engine Oil	6
IoB Extract 0.7mm	MAPS	Wheat	7
"IoB Soluble Extract 0.7mm"	MAPS	Malt	6
Iodide	AQUACHECK	Waste water	63
		Spiking solutions	TRIAL
Iodine	QFCS	Table salt	819
Iodine value	QFCS	Oil or fat	778
Iodosulfuron methyl	AQUACHECK	Groundwater	8B
Ioxynil	AQUACHECK	Groundwater	8
		Synthetic effluent	20
IR/FTIR	PHARMASSURE	Sample format will depend upon test type	6E
Iron	AFPS	Animal feed	2
		Premix	8
	AIR	25 mm Cellulose acetate (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		Bulk welding fume sample	10A
		37 mm Cellulose acetate (Workplace air)	1B
		25 mm Cellulose acetate (Workplace air)	1C
	AQUACHECK	Natural water	4
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
		Groundwater	4G
	Seawater	TRIAL	
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
Soil		Group D, 18	

Analyte	Scheme ID	Matrix	Sample
Iron	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	OIL	Service Engine Oil	6
	QBS	Fruit juice	518
		Soft drink	519
	QDCS	Whole milk powder	42
		Cereal	771
		Flour	775
		Bread	776
	QMAS	Precooked, raw or processed meat	731
SUPS	Cane or beet sugar	2	
Iso-amyl acetate	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Iso-apha-acids	BAPS	Ale	3
		Lager	2L
Iso-butanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Isoelectric point	QGS	Gelatine	606
Isoleucine	QFCS	Infant formula powder	823
Iso-propyl alcohol (IPA)	TOX	Blood	TAK
		Serum	TAS
Isoproturon	AQUACHECK	Synthetic effluent	20B
		Water Framework Directive	34B
		Groundwater	8B
K232	QFCS	Extra virgin olive oil	790
K270	QFCS	Extra virgin olive oil	790
		Olive oil	791
Ketamine	DAH	Hair	DH01

Analyte	Scheme ID	Matrix	Sample
Kinetic energy testing (EN71-1 & ASTM F963)	TOYTEST	Toy product	12
Kjeldahl nitrogen	AQUACHECK	Spiking solution	10
		Hard water	1H
		Soft water	1S
Klebsiella aerogenes	CLS	Liquid	PNE
Klebsiella oxytoca	CLS	Liquid	PNE
Klebsiella pneumoniae group	CLS	Liquid	PNE
Kolbach index	MAPS	Brewers and distillers malt	1
Kresoxym-methyl	AQUACHECK	Spiking solution	40
Lacosamide	TDM	Human serum	AE2
Lactic acid	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Lactic acid bacteria enumeration	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QMAS	Lyophilised meat	746
	QMS	Skimmed milk powder	24
		Oatmeal	24
		Lyophilised test material	27
Lactose	AIR	Glass fibre filter 25mm diameter (Workplace air)	15
	QDCS	Milk	28
		Hard cheese	37
		Whole protein concentrate	43
		Soft cheese	59
		Whey powder	38B
	QFCS	Food product	820
Lamotrigine	TDM	Human serum	TD1
Lanthanum	AQUACHECK	Groundwater	5G
Lead	AFPS	Animal feed	2
		Premix	8
	AIR	25 mm Cellulose acetate (Workplace air)	1
		Bulk lead-containing dust sample	10B
		37 mm Cellulose acetate (Workplace air)	1A
		Quartz fibre filter 47mm diameter (Ambient)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
		37 mm Cellulose acetate (Workplace air)	1B
25 mm Cellulose acetate (Workplace air)	1C		

Analyte	Scheme ID	Matrix	Sample
Lead	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
		Water Framework Directive	34A
		Clean water	5B
		Groundwater	5G
	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
	OIL	Service Engine Oil	6
	PHARMASSURE	Supplement	14
		Powder material	2B
	QBS	Fruit juice	518
		Soft drink	519
	QCS	Cocoa powder	718
	QFCS	Dried tea	780
		Cereal	784
		Edible Oil	785
		Dried Fruit	786
		Brown rice	789
		Lyophilised mushrooms	795
		Table salt	819
		Infant fruit/vegetable puree	827
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3



Analyte	Scheme ID	Matrix	Sample
Lead (total)	AQUACHECK	Waste water	60
		Water	TRIAL
	TOYTEST	Paint flakes	9
Legionella pneumophila Antigen	CLS	Liquid	LG
Legionella pneumophila count by culture	QWAS	Environmental water	417
Legionella pneumophila count by PCR	QWAS	Environmental water	417
Legionella pneumophila detection	CLS	Liquid	PNE
	QWAS	Environmental water	417
Legionella pneumophila identification	QWAS	Environmental water	417
Legionella species count by culture	QWAS	Environmental water	418
Legionella species count by PCR	QWAS	Environmental water	418
Legionella species detection	QWAS	Environmental water	418
Legionella species detection - low levels	QWAS	Potable water	423
Legionella species enumeration	QWAS	Potable water	423
Legionella species identification	QWAS	Environmental water	418
Leucine	QFCS	Infant formula powder	823
Leukocytes	CLS	Slides	VGS
Levetiracetam	TDM	Human serum	AE1
Limonene	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Linalool	DAPS	Clear distilled spirit	Group B, B3
Lindane (Gamma HCH)	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Linoleic acid C18:2 (cis & trans)	QFCS	Extra virgin olive oil	790
Linoleic acid C18:2 (trans)	QFCS	Olive oil	791
Linoleic acid C18:3 (cis & trans)	QFCS	Extra virgin olive oil	790
Linolenic acid C18:3 (trans)	QFCS	Olive oil	791
Linuron	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B

Analyte	Scheme ID	Matrix	Sample	
Listeria monocytogenes detection	AFPS	Simulated animal feed	11	
	HYGIENE	12.5cm x 8.5cm plastic rectangle	2	
	QBS	Fruit juice	507	
	QMAS	Meat	757	
		Lyophilised meat	737	
	QMS	Skimmed milk powder	7	
		Oatmeal	7	
		Skimmed milk powder	37	
		Dried food	44	
	Listeria monocytogenes enumeration	QMAS	Lyophilised meat	759
QMS		Skimmed milk powder	8	
		Oatmeal	8	
Listeria species detection	AFPS	Simulated animal feed	11	
	HYGIENE	12.5cm x 8.5cm plastic rectangle	2	
	QMAS	Meat	757	
		Lyophilised meat	737	
	QMS	Skimmed milk powder	7	
		Oatmeal	7	
		Skimmed milk powder	37	
		Dried food	44	
	Listeria species enumeration	QMAS	Lyophilised meat	759
		QMS	Skimmed milk powder	8
Oatmeal			8	
Listeria species identification	QMAS	Meat	757	
		Lyophilised meat	737	
	QMS	Skimmed milk powder	37	
		Dried food	44	
Lithium	AQUACHECK	Natural water	4	
		Marine water	62	
		Groundwater	4G	
		Seawater	TRIAL	
	TDM	Human serum	TD1	
Lorazepam	TOX	Serum	BNBZ	
Loss on drying (LOD)	PHARMASSURE	Sample format will depend upon test type	6D	
Loss on ignition	AQUACHECK	Agricultural soil	14	
	CONTEST	Soil	Group B, 3B	
Loss on ignition (500±5°C)	AQUACHECK	Sewage sludge	16	

Analyte	Scheme ID	Matrix	Sample
Loss on Ignition at 440°C	CONTEST	Soil	27
LSD and Metabolite Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Lubricity (HFRR) wear scar diameter at 60°C	OIL	#2 Diesel fuel	2
Luminescent bacteria IC50 tests (15 minutes)	AQUACHECK	Ecotoxicology	50
Lysine	QFCS	Infant formula powder	823
m,p-Xylene	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
	CONTEST	Soil	22
		Standard solution	Group C, 15
Magnesium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Sewage sludge	16
		Mineral Water	59
		Marine water	61
		Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Seawater	TRIAL
		Mineral Water	TRIAL
		BAPS	Lager
	CONTEST	Standard solution	Group A, 29
		Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Soft drink	519
		Liquid test material	524
	QDCS	Whole milk powder	42
	QFCS	Cereal	770
		Coffee	802
		Table salt	819
	PHARMASSURE	Standard solution	1C
	QMAS	Precooked, raw or processed meat	731

Analyte	Scheme ID	Matrix	Sample
Magnesium (extractable)	AQUACHECK	Agricultural soil	14
Malathion	AQUACHECK	Groundwater	9
		Synthetic effluent	21
		Spiking solutions	TRIAL
		Clean water	56
	CONTEST	Standard solutions & soil	C30
Malic acid	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
Malt mod homogeneity	MAPS	Brewers and distillers malt	1
Malt modification	MAPS	Brewers and distillers malt	1
Maltose	BAPS	Lager	2L
	DAPS	Simulated spirit	Group B, B4
Maltotriose	BAPS	Lager	2L
Manganese	AFPS	Animal feed	2
		Premix	8
	AIR	25 mm Cellulose acetate (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on Quartz filter 47mm diameter (Stack emissions)	38
		Bulk welding fume sample	10A
		37 mm Cellulose acetate (Workplace air)	1B
		25 mm Cellulose acetate (Workplace air)	1C
		AQUACHECK	Natural water
	Synthetic effluent		12
	Sewage sludge		13
	Agricultural soil		14
	Marine water		62
	Industrial wastewater		17C
	Groundwater		4G
	Seawater		TRIAL
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
	OIL	Service Engine Oil	6
	QBS	Soft drink	519
	QDCS	Whole milk powder	42
	TOYTEST	EN71 - 3 Standard solution and real material	3

Analyte	Scheme ID	Matrix	Sample
Maprotiline	TDM	New born calf serum	PS12
Mass of solids	AIR	Dust on glass fibre filter 25mm diameter (Workplace air)	3
		Dust on glass fibre filter 37mm diameter (Workplace air)	4
		Quartz fibre filter 47mm diameter (Ambient)	17
		Dust on glass fibre filter 47mm diameter (Stack emissions)	40
MCPA	AQUACHECK	Groundwater	8
		Synthetic effluent	20
MCPB	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Measurement testing (EN71-1 & ASTM F963)	TOYTEST	Various	11
Meat authenticity	QMAS	Meat	749
Mechanical and physical properties	TOYTEST	ASTM F963 Toy product for paper exercise	7
Mecoprop	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Melting point	PHARMASSURE	Standard material	1F
Mercury	AFPS	Animal feed	2
		Premix	8
	AIR	Impinger solution (Stack emissions)	31
		Impinger solution (Stack emissions)	32
	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Waste water	60
		Industrial wastewater	17C
		Water Framework Directive	34A
		Clean water	5B
		Groundwater	5G
		Water	TRIAL
	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1c
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
Soil		Group E, 21	

Analyte	Scheme ID	Matrix	Sample
Mercury	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
		Mouthwash sample	24
		Toothpaste sample	25
	PHARMASSURE	Supplement	14
		Powder material	2B
	QFCS	Dried tea	780
		Cereal	784
		Edible Oil	785
		Dried Fruit	786
		Table salt	819
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	SUPS	Cane or beet sugar	2
	TOYTEST	EN71 - 3 Standard solution and real material	3
Mesophilic aerobic spores enumeration	QMS	Skimmed milk powder	11
		Oatmeal	11
Mesophilic anaerobic spores enumeration	QGS	Gelatine	605
	QMS	Skimmed milk powder	15
		Oatmeal	15
Mesosulfuron methyl	AQUACHECK	Groundwater	8B
Metaldehyde	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Metals (vanadium, nickel, iron)	OIL	Crude oil	4
Metamitron	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Metazachlor	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Methabenzthiazuron	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Methadone	QUARTZ	Blood	3
	TDM	Human serum	SA02
Methadone and Metabolite Screen	DAU	Urine	1
		Urine	2
		Urine	3
Methadone EDDP	DAH	Hair	DH01

Analyte	Scheme ID	Matrix	Sample
Methadone Screen	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Methanethiol	BAPS	Lager	2L
Methanol	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
	PHARMASSURE	Residual Solvents	2E
	TOX	Blood	TAK
Serum		TAS	
Methaqualone Screen	DAU	Urine	1
		Urine	2
		Urine	3
Methiocarb	AQUACHECK	Groundwater	8B
Methionine	QFCS	Infant formula powder	823
Methotrexate	TDM	Human serum	TD1
Methoxychlor	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
Methyl isoborneol	AQUACHECK	Spiking solution	39
Methyl isobutyl ketone (MIBK)	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Methylene blue active substances (MBAS)	AQUACHECK	Spiking solution	3
		Spiking solution	11
Methylparaben	COSMETICS	Cream sample	27
		Mascara	31
Methylphenidate	TDM	Lyophilised human serum	PST1
Metoxuron	AQUACHECK	Groundwater	8B
Metribuzin	AQUACHECK	Groundwater	8B
Metsulfuron methyl	AQUACHECK	Groundwater	8B
Mevinphos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
	CONTEST	Standard solutions & soil	C30
Mianserin	TDM	New born calf serum	PS32
Micro carbon residue	OIL	Crude oil	4
Microbial enumeration (challenge test)	COSMETICS	Cream	30
Microcystin-LR	AQUACHECK	Spiking solution	41

Analyte	Scheme ID	Matrix	Sample
Microcystin-RR	AQUACHECK	Spiking solution	41
Microcystin-YR	AQUACHECK	Spiking solution	41
Microorganism identification	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
	HYGIENE	12.5cm x 8.5cm plastic rectangle	3
	PHARMASSURE	Lyophilised test material	3
		Lyophilised test material	5
Microorganisms low level enumeration and identification	PHARMASSURE	Lyophilised test material	3
Midazolam	TOX	Serum	BNBZ
Minor tranquillizers	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Mirtazapine	TDM	New born calf serum	PS11
Moisture	AFPS	Animal feed	1
		Wet Pet Food	9
		Fish feed	13
		Fish feed	14
	MAPS	Brewers and distillers malt	1
		Barley	2
		Malt	6
		Wheat	7
		Black malt	4A
		Crystal malt	4B
	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Butter	36
		Hard cheese	37
		Whole protein concentrate	43
		Whole milk powder	52
		Soft cheese	59
		Cheese powder	63
		Skimmed milk powder	38A
Whey powder	38B		



Analyte	Scheme ID	Matrix	Sample
Moisture	QFCS	Cereal	770
		Ready to eat product	772
		Flour	775
		Bread	776
		Cake	793
		Honey	801
		Ground pepper	815
		Ground pasta	816
		Jam or marmalade	817
		Table salt	819
		Instant coffee	824
		Dried tea	829
		Non-wheat flour	832
	QGS	Gelatine	606
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	734
Fish		760	
SUPS	Raw sugar	7	
	Cane or beet sugar	10	
Moisture and volatile matter	COSMETICS	Liquid or solid soap	28
		Powder detergent	29
		Liquid detergent	32
Moisture and Volatile Matter at 103°C	QFCS	Extra virgin olive oil	790
Moisture by Karl Fischer	PHARMASSURE	Sample format will depend upon test type	6F
Molybdenum	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
		Groundwater	5G
		Seawater	TRIAL
	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	OIL	Engine oil lubricants	5
		Service Engine Oil	6

Analyte	Scheme ID	Matrix	Sample
Monobromoacetic acid	AQUACHECK	Clean water	44
Monochloroacetic acid	AQUACHECK	Clean water	44
Monohydric phenols (By distillation)	CONTEST	Standard solution	Group C, 7a
Monolinuron	AQUACHECK	Groundwater	8B
Monosubstituted methylphenols (total)	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
Monounsaturated fatty acids	QFCS	Cod liver oil	806
Mono-unsaturates	QFCS	Ready to eat product	772
		Mixed Fat Spread	782
		Grated cheese	800
	QMAS	Meat	733
Monuron	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Moraxella catarrhalis	CLS	Liquid	PNE
Morphine	QFCS	Poppy seeds	831
	QUARTZ	Blood	3
Mould enumeration	AFPS	Simulated animal feed	7
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
		12.5cm x 8.5cm plastic rectangle	6
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	746
	QMS	Skimmed milk powder	23
		Oatmeal	23
		Skimmed milk powder	36
	QWAS	Process water	414
SUPS	Lyophilised test material	6	
MTBE	AQUACHECK	Groundwater	6C
m-Xylene	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
Mycobacteriology culture ID	CLS	Liquid	MTB
Mycobacterium tuberculosis complex	CLS	Liquid	MTM
Mycology culture ID	CLS	Swab	MY
Mycophenolic acid	IPT	Human plasma	MPA

Analyte	Scheme ID	Matrix	Sample
Mycoplasma pneumoniae	CLS	Liquid	MPM
		Liquid	PNE
Naphthalene	AQUACHECK	Synthetic effluent	19C
		Water Framework Directive	34J
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Napropamide	AQUACHECK	Groundwater	8
Naproxen	AQUACHECK	Clean water	57
n-Butanol	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
n-Butyl acetate	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
Neisseria gonorrhoeae	CLS	Liquid	CGC
Neisseria gonorrhoeae culture	CLS	Pellet	COM
Neutral detergent fibre (NDF)	AFPS	Animal feed	1
New psychoactive substances	QUARTZ	Blood	6
n-Hexane	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
		Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
Nickel	AIR	25 mm Cellulose acetate (Workplace air)	1
		Quartz fibre filter 47mm diameter (Ambient)	13
		Metals impinger solution (Stack emissions)	33
		Metals and fly ash on quartz filter 47mm diameter (Stack emissions)	38
		37 mm Cellulose acetate (Workplace air)	1A
		Bulk welding fume sample	10A
		37 mm Cellulose acetate (Workplace air)	1B
		25 mm Cellulose acetate (Workplace air)	1C

Analyte	Scheme ID	Matrix	Sample
Nickel	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Waste water	60
		Marine water	62
		Industrial wastewater	17C
		Water Framework Directive	34A
		Clean water	5B
		Groundwater	5G
		Water	TRIAL
	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Lipstick	19
		Lip gloss	20
		Powder	21
OIL	Service Engine Oil	6	
TOYTEST	EN71 - 3 Standard solution and real material	3	
Nickel release	NiMS	Alloy disks, jewellery or other appropriate articles	1A
			1A
			1B
			1B
			1C
			1C
Nicotine	PHARMASSURE	Solution	12
	TDM	Lyophilised human urine	NC01

Analyte	Scheme ID	Matrix	Sample
Nitrate	AIR	Quartz fibre filter 47mm diameter (Ambient)	14
	AQUACHECK	Spiking solution	10
		Waste water	59
		Waste water	60
		Marine water	61
		Hard water	2H
		Soft water	2S
		Seawater	TRIAL
		Mineral Water	TRIAL
		Water	TRIAL
	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	QDCS	Infant formula powder	65
	QFCS	Vegetable Leaves	787
		Infant vegetable food	798
QMAS	Lyophilised meat	732	
Nitrazepam	TOX	Human serum	BNZ
Nitrite	AQUACHECK	Spiking solution	10
		Waste water	60
		Hard water	2H
		Soft water	2S
		Water	TRIAL
	QDCS	Infant formula powder	65
	QMAS	Lyophilised meat	732
Nitrobenzene	AQUACHECK	Spiking solutions	TRIAL
Nitrogen	OIL	Engine oil lubricants	5
Nitrogen (Total)	AQUACHECK	Spiking solution	10
		Sewage sludge	13
		Agricultural soil	14
		Marine water	61
		Industrial wastewater	17D
	MAPS	Brewers and distillers malt	1
		Barley	2
	OIL	Crude oil	4
	QCS	Chocolate	715
		Cocoa powder	716
Nitrogen dioxide	AIR	Palmes-type diffusion tubes (Ambient)	11

Analyte	Scheme ID	Matrix	Sample
Nitrosodimethylamine (NDMA)	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
	MAPS	Brewers and distillers malt	1
		Malt Flour	5
Non steroidal anti-inflammatory analgesic drugs	QUARTZ	Blood	1
		Blood and case study	2
Non-ionic surfactants	AQUACHECK	Spiking solution	3
		Spiking solution	11
Non-opiate narcotics	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Nonylphenol	AQUACHECK	Synthetic effluent	18B
		Water Framework Directive	34D
		Groundwater	6B
Norbuprenorphine	TDM	Human serum	SA01
Norchlorpromazine	TDM	New born calf serum	PS31
Norcitalopram	TDM	New born calf serum	PS18
Norclobazam	TDM	Human serum	CN1
Norclomipramine	TDM	New born calf serum	PS03
Norclozapine	TDM	Human serum	PS04
Nordazepam	TOX	Human serum	BNZ
Nordoxepin	TDM	New born calf serum	PS05
Norfluoxetine	TDM	New born calf serum	PS06
Normaprotiline	TDM	New born calf serum	PS12
Normirtazapine	TDM	New born calf serum	PS11
Norquetiapine	TDM	New born calf serum	PS17
Norsertaline	TDM	New born calf serum	PS08
Northiaden	TDM	New born calf serum	PS19
Nortrimipramine	TDM	New born calf serum	PS09
Nortriptyline	TDM	New born calf serum	PS01
Norvenlafaxine	TDM	New born calf serum	PS20

Analyte	Scheme ID	Matrix	Sample
n-Propanol	BAPS	Lager	2L
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Nuclear Magnetic Resonance (NMR) Spectrometry	PHARMASSURE	Sample format will depend upon test type	6K
Nugent Score	CLS	Slides	GSV
o,p'-DDD (TDE)	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
o,p'-DDE	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
o,p'-DDT	AQUACHECK	Clean water	58
		Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
	CONTEST	Soil	26
Ochratoxin A	AFPS	Animal feed	5
	MAPS	Malt flour	3
	QFCS	Dried fruit	804
Octylphenol	AQUACHECK	Water Framework Directive	34D
Ofloxacin	AQUACHECK	Clean water	57
		Spiking solutions	TRIAL
OH-oxcarbazepine	TDM	Human serum	AE1
Oil and grease (total)	AQUACHECK	Oil and Grease in water	24
Olanzapine	TDM	Human serum	PS15
Oleic 18:1 cis n-9 & vaccenic cis 18:1 n-11 (sum of)	QFCS	Oil or fat	778
Oleic acid 18.1 (cis & trans)	QFCS	Extra virgin olive oil	790
Oleic acid C18:1 (cis & trans)	QFCS	Olive oil	791
Oleic acid C18:1 (trans)	QFCS	Olive oil	791
Omega 3	QFCS	Mixed Fat Spread	782
		Grated cheese	800
Omega 6	QFCS	Mixed Fat Spread	782
Omega-3 : Omega-6 ratio	QFCS	Cod liver oil	806
Omega-6 fatty acids (total)	QFCS	Grated cheese	800
		Cod liver oil	806
Omega-9 fatty acids (total)	QFCS	Cod liver oil	806

Analyte	Scheme ID	Matrix	Sample
Opiate screen	DAH	Hair	DH01
		Hair	DH02
	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
	Opioid analgesic drugs	QUARTZ	Blood
Blood and case study			2
Organic carbon content	AQUACHECK	Agricultural soil	14
Organic chemical compounds	TOYTEST	EN71 - 9 paper exercise	6
Organotins	TOYTEST	EN71 - 3 Standard solution and real material	3
Original extract	BAPS	Ale (Bitter)	1B
		Lager	1L
Original gravity	BAPS	Ale (Bitter)	1B
		Lager	1L
	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Orthophosphate	AQUACHECK	Waste water	60
		Marine water	61
		Water	TRIAL
Osmophilic mould enumeration	QMS	Skimmed milk powder	5
		Oatmeal	5
	SUPS	Lyophilised test material	6
Osmophilic yeast enumeration	QMS	Skimmed milk powder	5
		Oatmeal	5
	SUPS	Lyophilised test material	6
Other 30 min luminescent bacteria IC50 tests	AQUACHECK	Ecotoxicology	50
Oxazepam	TOX	Human serum	BNZ
o-Xylene	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
	CONTEST	Soil	22
		Standard solution	Group C, 15
Oxytetracycline	AQUACHECK	Clean water	57
		Spiking solutions	TRIAL



Analyte	Scheme ID	Matrix	Sample
p,p'-DDD	AQUACHECK	Clean water	58
		Spiking solutions	TRIAL
	CONTEST	Soil	26
p,p'-DDE	AQUACHECK	Clean water	58
		Spiking solutions	TRIAL
p,p'-DDE F	CONTEST	Soil	26
p,p'-DDT	AQUACHECK	Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
p,p'-DDD	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
p,p'-DDE	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
p,p'-DDT	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
PAHs (Sum of EU 4)	QFCS	Vegetable oil	805
PAHs (total)	CONTEST	Soil	Group C, 3C
Palmitic acid C16:0	QFCS	Extra virgin olive oil	790
Palmitoleic acid C16:1 (cis & trans)	QFCS	Olive oil	791
Paracetamol (Acetaminophen)	TOX	Human blood	BLD
		Human serum	SM
Parainfluenza virus	CLS	Liquid	PNE
Parasites (Identification)	CLS	Liquid	GIP
Parathion-ethyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
	CONTEST	Standard solutions & soil	C30
Parathion-methyl	AQUACHECK	Groundwater	9
		Synthetic effluent	21
	CONTEST	Standard solutions & soil	C30
Paroxetine	TDM	New born calf serum	PS21
Particle Count Particles/mL > 14 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 38 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 4 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 6 µm (c)	OIL	Service Engine Oil	6
Particle Count Particles/mL > 70 µm (c)	OIL	Service Engine Oil	6

Analyte	Scheme ID	Matrix	Sample
Particulate contamination by filtration	OIL	#2 Diesel fuel	2
Particulate determination	PHARMASSURE	Sample format will depend upon test type	2D
		Sample format will depend upon test type	8B
Partly unmodified grains	MAPS	Brewers and distillers malt	1
Patulin	QBS	Apple juice	520
PCB (101)	AQUACHECK	Synthetic effluent	19D
		Groundwater	7D
	CONTEST	Standard solution	Group C, 11
		Soil	Group C, 3C
PCB (118)	AQUACHECK	Synthetic effluent	19D
		Groundwater	7D
	CONTEST	Standard solution	Group C, 11
		Soil	Group C, 3C
PCB (138)	AQUACHECK	Synthetic effluent	19D
		Groundwater	7D
	CONTEST	Standard solution	Group C, 11
		Soil	Group C, 3C
PCB (149)	AQUACHECK	Wastewater	07D
		Synthetic effluent	19D
PCB (153)	AQUACHECK	Synthetic effluent	19D
		Groundwater	7D
	CONTEST	Standard solution	Group C, 11
		Soil	Group C, 3C
PCB (170)	AQUACHECK	Wastewater	07D
		Synthetic effluent	19D
PCB (180)	AQUACHECK	Synthetic effluent	19D
		Groundwater	7D
	CONTEST	Standard solution	Group C, 11
		Soil	Group C, 3C
PCB (28)	AQUACHECK	Synthetic effluent	19D
		Groundwater	7D
	CONTEST	Standard solution	Group C, 11
		Soil	Group C, 3C
PCB (52)	AQUACHECK	Synthetic effluent	19D
		Groundwater	7D
	CONTEST	Standard solution	Group C, 11
		Soil	Group C, 3C

Analyte	Scheme ID	Matrix	Sample
Pendimethalin	AQUACHECK	Clean water	58
		Synthetic effluent	19A
		Groundwater	7A
		Spiking solutions	TRIAL
Pentachlorobenzene	AQUACHECK	Synthetic effluent	19A
		Water Framework Directive	34E
		Groundwater	7A
		Clean water	58
	Spiking solutions	TRIAL	
	CONTEST	Soil	26
Pentachlorophenol	AQUACHECK	Synthetic effluent	18B
		Water Framework Directive	34D
		Groundwater	6B
Pentylphenol	AQUACHECK	Water Framework Directive	34D
Pepsin protein digestibility (PPD)	AFPS	Animal feed	1
Perampanel	TDM	Human serum	AE4
Perchlorates	QFCS	Perchlorates in vegetables	792
Permanganate index (PI)	AQUACHECK	Hard water	2H
		Soft water	2S
Peroxide value	QFCS	Oil or fat	778
		Extra virgin olive oil	790
Perphenazine	TDM	New born calf serum	PS16
Perylene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
Pesticides	QFCS	Fruit/vegetable	773
		Dried tea	777
PETN (Pentaerythritol tetranitrate)	AQUACHECK	Spiking solutions	TRIAL
PFOA	AQUACHECK	Spiking solution	26
		Clean water	52
		Spiking solutions	TRIAL
PFOS	AQUACHECK	Spiking solution	26
		Clean water	52
		Spiking solutions	TRIAL

Analyte	Scheme ID	Matrix	Sample
pH	AQUACHECK	Mineral Water	59
		Mineral Water	TRIAL
	BAPS	Ale (Bitter)	1B
		Alcohol free/low alcohol beer	7
		Lager	1L
	CONTEST	Standard solution	Group A, 29
		Soil	Group B, 3B
		Soil	Group D, 18
	COSMETICS	Liquid cosmetics	23
	DAPS	Fermented wort	Group A, A1
		Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
		Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
	MAPS	Brewers and distillers malt	1
	PHARMASSURE	Buffer solution	1A
	QBS	Fruit juice	510
		Carbonated drinks	515
		Liquid test material	524
		Liquid test material	525
		Liquid test material	526
		Dilutable and ready to drink materials	517A
	QDCS	Butter	36
		Hard cheese	37
		Whole protein concentrate	43
		Yogurt	58
		Soft cheese	59
		Cheese powder	63
		Milk	32A
		Buffer solution	32B

Analyte	Scheme ID	Matrix	Sample
pH	QFCS	Mixed Fat Spread	782
		Tomato paste/puree	783
		Honey	801
		Coffee	802
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Canned fruit	814
		Jam or marmalade	817
		Vinegar	822
		Instant coffee	824
	QGS	Gelatine	606
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Fish		734	
SUPS	Molasses	5	
	Corn syrup	11	
pH (1% aqueous solution at 25°C)	COSMETICS	Powder detergent	29
		Liquid detergent	32
pH (EBC Wort)	MAPS	Wheat	7
pH (IoB Wort)	MAPS	Wheat	7
pH at 20-25°C	AQUACHECK	Agricultural soil	14
		Sewage sludge	16
		Waste water	60
		Marine water	61
		Waste water	64
		Wastewater	17A
		Higher salinity potable water	1A
		Hard water	2H
		Soft water	2S
		Water	TRIAL
		Seawater	TRIAL
pH at 20-25°C - High	AQUACHECK	Poorly buffered waters	2A
pH at 20-25°C - Low	AQUACHECK	Poorly buffered waters	2A
Phenanthrene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5

Analyte	Scheme ID	Matrix	Sample
Phencyclidine Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3
Phenobarbitone	TDM	Human serum	TD1
Phenol index	CONTEST	Solid waste leachate	24
		Soil	Group D, 18
		Soil	Group E, 21
Phenols	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
	AQUACHECK	Synthetic effluent	18B
		Groundwater	6B
	CONTEST	Spiking solutions	Group C, 3C
		Standard solution	Group C, 7b
Phenols (Total)	AQUACHECK	Industrial wastewater	17B
	MAPS	Brewers and distillers malt	1
Phenols (total) (Sum of phenol, cresols and xylenols)	CONTEST	Standard solution	Group C, 7b
Phenylalanine	QFCS	Infant formula powder	823
Phenytoin	TDM	Human serum	TD1
Phosphatase	QDCS	Freeze dried milk	31 (A&B)
Phosphate	BAPS	Lager	2L
	CONTEST	Soil	Group D, 18
	QFCS	Cereal	770
		Ready to eat product	772
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Phosphates (as PO43-)	COSMETICS	Liquid detergent	32
Phosphoric acid	QBS	Carbonated drinks (degassed)	516A
Phosphorus	AFPS	Animal feed	2
		Premix	8
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Soft drink	519
	QDCS	Whole milk powder	42
	QFCS	Coffee	802
	QMAS	Shellfish	741
		Fish	742

Analyte	Scheme ID	Matrix	Sample
Phosphorus (extractable)	AQUACHECK	Agricultural soil	14
Phosphorus (Total)	AQUACHECK	Spiking solution	10
		Sewage sludge	13
		Agricultural soil	14
		Marine water	61
		Industrial wastewater	17D
		Hard water	1H
		Soft water	1S
		Seawater	TRIAL
Phthalates	TOYTEST	Section of plastic material plus two test solutions	10
Picloram	AQUACHECK	Groundwater	8
Piperine content	QFCS	Ground pepper	815
Pirimicarb	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Plutonium-239	AQUACHECK	Clean water	42
Polarimetry	PHARMASSURE	Sample format will depend upon test type	6l
Polarisation	SUPS	Cane or beet sugar	3
		Raw sugar	7
		Corn syrup	11
Polyunsaturated fatty acids	QFCS	Cod liver oil	806
Poly-unsaturates	QFCS	Ready to eat product	772
		Mixed Fat Spread	782
		Grated cheese	800
	QMAS	Meat	733
Ponceau 4R (E124)	QFCS	Liquid	762
Potassium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Mineral Water	59
		Marine water	61
		Hard water	1H
		Soft water	1S
		Seawater	TRIAL
		Mineral Water	TRIAL
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 29
		Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1

Analyte	Scheme ID	Matrix	Sample
Potassium	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Liquid test material	524
	QFCS	Cereal	770
	QMAS	Precooked, raw or processed meat	731
	DAPS	Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
	QBS	Soft drink	519
	QDCS	Whole milk powder	41
QFCS	Coffee	802	
Potassium (extractable)	AQUACHECK	Agricultural soil	14
Potassium (Total)	AQUACHECK	Sewage sludge	13
		Agricultural soil	14
Pour point	OIL	#2 Diesel fuel	2
		Crude oil	4
		Engine oil lubricants	5
Predicted spirit yield	MAPS	Brewers and distillers malt	1
Pregablin	TDM	Human serum	AE1
Present gravity	BAPS	Ale (Bitter)	1B
		Lager	1L
Primidone	TDM	Human serum	TD1
Proline	QFCS	Infant formula powder	823
Prometryn	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Propachlor	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Propazine	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Propetamphos	AQUACHECK	Groundwater	9
		Synthetic effluent	21
Propiconazole	AQUACHECK	Spiking solution	40
Propoxyphene and Metabolite Screen	DAU	Urine	1
		Urine	2
		Urine	3
	DOF	Oral fluid	OF1
		Oral fluid	OF2
		Oral fluid	OF3



Analyte	Scheme ID	Matrix	Sample
Propranolol	AQUACHECK	Clean water	57
		Spiking solutions	TRIAL
Propylene glycol	DAPS	Simulated spirit	Group B, B4
	PHARMASSURE	Solution	12
Propylparaben	COSMETICS	Cream sample	27
		Mascara	31
Propyzamide	AQUACHECK	Groundwater	8
		Synthetic effluent	20
Prosulfocarb	AQUACHECK	Groundwater	8B
Protein	MAPS	Wheat	7
	QBS	Liquid test material	525
	QDCS	Milk	28
		Hard cheese	37
		Whole protein concentrate	43
		Skimmed milk powder	51
		Whole milk powder	52
		Yogurt	58
		Soft cheese	59
		Cheese powder	63
		Milk	66
		Cheese	67
		Whey powder	38B
	QFCS	Cereal	770
		Ready to eat product	772
		Flour	775
		Bread	776
		Cake	793
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Ground pasta	816
		Jam or marmalade	817
		Food product	821
		Instant coffee	824
		Nut product	828
		Non-wheat flour	832
Food puree		833	

Analyte	Scheme ID	Matrix	Sample
Protein	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Fish	734
		Fish	760
Proteus species	CLS	Liquid	PNE
Prothioconazole	AQUACHECK	Spiking solution	40
Pseudomonas aeruginosa count	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
	QWAS	Potable water	413
		Process water	414
		Mineral water	420
Pseudomonas aeruginosa detection	CLS	Liquid	PNE
	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
	PHARMASSURE	Lyophilised test material	4B
Pseudomonas species count	QMAS	Lyophilised meat	746
	QMS	Skimmed milk powder	26
		Oatmeal	26
	QWAS	Process water	414
Pseudomonas species detection	QMS	Oatmeal	26
		Oatmeal	26
Psychoactive and Synthetic Cannabinoids	QUARTZ	Urine	9
Purity	QFCS	Table salt	819
p-Xylene	AIR	Tenax TA filled sorbent tubes (Indoor or Chamber air)	21
	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
Pyrene	AQUACHECK	Synthetic effluent	19C
		Groundwater	7C
	CONTEST	Soil	Group C, 3C
		Standard solution	Group C, 5
Qualitative (Sildenafil)	PHARMASSURE	Supplement	15
Qualitative determination in clean water	AQUACHECK	Clean water	25
Qualitative organics by GCMS	AQUACHECK	Clean water	22
Qualitative organics by purge and trap GCMS	AQUACHECK	Clean water	22A

Analyte	Scheme ID	Matrix	Sample
Quantitative (Sildenafil)	PHARMASSURE	Supplement	15
Quetiapine	TDM	New born calf serum	PS17
Quinmerac	AQUACHECK	Groundwater	8
Quinoline yellow	QFCS	Liquid	763
Quinoxifen	AQUACHECK	Clean water	53
		Spiking solutions	TRIAL
Ractopamine	QMAS	Meat	755
Rancimat Stability 120°C	QFCS	Olive oil	791
Rebaudioside A	QBS	Soft drink	522
Reducing sugars	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	SUPS	Cane or beet sugar	3
		Molasses	5
		Raw sugar	7
		Corn syrup	11
Reflectance grade	SUPS	Cane or beet sugar	1
Refractive index	PHARMASSURE	Sugar solution	1E
Refractive Index (20°C)	DAPS	Scotch whisky	Group B, B1
		Clear distilled spirit	Group B, B3
		Ready to drink	Group E, E1
		Cream liqueur	Group E, E3
Reid vapor pressure	OIL	Crude oil	4
Reject fraction (EBC fraction IV plus foreign matter)	MAPS	Brewers and distillers malt	1
		Barley	2
Residual fermentable sugars (Total amount of glucose, maltose and maltotriose present)	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Residual gravity	DAPS	Fermented wort	Group A, A1
		Simulated wort	Group A, A2
Residual sulfur dioxide	MAPS	Brewers and distillers malt	1
Residue	DAPS	Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Resistance Gene: IMP	CLS	Liquid	PNE
Resistance Gene: KPC	CLS	Liquid	PNE
Resistance Gene: mecA/C & MREJ	CLS	Liquid	PNE
Resistance Gene: NDM	CLS	Liquid	PNE
Resistance Gene: OXA-48	CLS	Liquid	PNE
Resistance Gene: VIM	CLS	Liquid	PNE

Analyte	Scheme ID	Matrix	Sample
Resistance Gene: CTX-M	CLS	Liquid	PNE
Resistance Genes	CLS	Liquid	BCP
Respirable grade quartz	AIR	Quartz PVC filter 25mm diameter (Workplace air)	2F
			2I
			2X
Respiratory Syncytial Virus	CLS	Liquid	PNE
Rifampin resistance	CLS	Liquid	MTM
Risperidone	TDM	New born calf serum	PS10
Ritalinic acid	TDM	Lyophilised human serum	PST1
Rotavirus Antigen	CLS	Liquid	ROT
RSV Antigen	CLS	Liquid	VIR
Rufinamide	TDM	Human serum	AE2
Saccharin (as free imide)	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
Saccharin (E954)	QFCS	Liquid	761
Salicylic acid	AQUACHECK	Clean water	57
		Spiking solutions	TRIAL
	TOX	Human blood	BLD
		Human serum	SM
Salinity	AQUACHECK	Wastewater	17A
Salmonella species identification	QMS	Freeze-dried material	34
Salmonella species detection	AFPS	Simulated animal feed	6
	HYGIENE	12.5cm x 8.5cm plastic rectangle	2
	PHARMASSURE	Lyophilised test material	9
	QBS	Fruit juice	507
	QCS	Grated chocolate	710
		Grated chocolate	711
		Grated chocolate	712
		Cocoa powder	714
	QGS	Gelatine	601
	QMAS	Meat	757
		Lyophilised meat	736
		Lyophilised fish or shellfish	740
	QMS	Skimmed milk powder	6
		Oatmeal	6
		Tea	28
		Herb	30
Spice		31	
Skimmed milk powder		37	
Skimmed milk		40	
Dried food	44		

Analyte	Scheme ID	Matrix	Sample	
Salmonella species detection	QWAS	Effluent sludge	416	
		Bathing, surface and wastewater	419	
		Sea water	422	
Salmonella species enumeration	QMS	Skimmed milk powder	3	
Salt	OIL	Crude oil	4	
	QBS	Liquid test material	525	
		Liquid test material	526	
	QDCS	Butter	36	
		Hard cheese	37	
		Yogurt	58	
		Soft cheese	59	
		Cheese powder	63	
		Milk	66	
		Cheese	67	
	QFCS	Cereal	770	
		Ready to eat product	772	
		Mixed Fat Spread	782	
		Tomato paste/puree	783	
		Ketchup	811	
		Mayonnaise	812	
		Mustard	813	
		Food product	821	
		Nut product	828	
		Food puree	833	
	QMAS	Dried or cured meat	730	
		Precooked, raw or processed meat	731	
		Fish	734	
		Fish	760	
	Salt (from sodium)	QCS	Chocolate	715
			Cocoa powder	716
	Saponification Number	OIL	Engine oil lubricants	5
QFCS		Oil or fat	778	
Saturated fatty acids	QFCS	Cod liver oil	806	

Analyte	Scheme ID	Matrix	Sample
Saturates	QBS	Liquid test material	525
	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Butter	36
		Hard cheese	37
		Soft cheese	59
		Milk	66
		Cheese	67
	QFCS	Ready to eat product	772
		Mixed Fat Spread	782
		Grated cheese	800
		Ketchup	811
		Mayonnaise	812
		Mustard	813
		Ground pasta	816
		Food product	821
		Nut product	828
		Food puree	833
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
		Meat	733
		Meat	733
		Fish	760
Scorched particles	QDCS	Skimmed milk powder	38A
		Whey powder	38B
Sediment	OIL	Crude oil	4
Sediment (Insoluble)	SUPS	Cane or beet sugar	4
Selenium	AFPS	Animal feed	2
		Premix	8
	AIR	Impinger solution (Stack emissions)	33
		47mm diameter Quartz filter	38
	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
Clean water		5A	
Groundwater	5G		

Analyte	Scheme ID	Matrix	Sample
Selenium	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1b
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	QBS	Soft drink	519
	QFCS	Dried tea	780
	TOYTEST	EN71 - 3 Standard solution and real material	3
Sensory Analysis	BAPS	Lager/ale (Bitter)	5
Serline	QFCS	Infant formula powder	823
Serratia marcescens	CLS	Liquid	PNE
Sertraline	TDM	New born calf serum	PS08
Settleable solids	AQUACHECK	Settleable solids	15
Shear stability	OIL	Engine oil lubricants	5
Shigella species detection	QMS	Oatmeal	12
Sieving Test <2.20mm	MAPS	Brewers and distillers malt	1
		Barley	2
Sieving Test <2.25mm	MAPS	Barley	2
Sieving Test >2.50mm	MAPS	Barley	2
Sieving Test >2.80mm	MAPS	Brewers and distillers malt	1
		Barley	2
Sieving Test 2.20-2.50mm	MAPS	Brewers and distillers malt	1
		Barley	2
		Brewers and distillers malt	1
		Barley	2
Silicate	AQUACHECK	Spiking solution	10
		Marine water	61
		Hard water	2H
		Soft water	2S
		Seawater	TRIAL
Silicon	OIL	Engine oil lubricants	5
		Service Engine Oil	6
Silver	AQUACHECK	Natural water	4
		Industrial wastewater	17C
		Groundwater	4G

Analyte	Scheme ID	Matrix	Sample
Simazine	AQUACHECK	Synthetic effluent	20B
		Water Framework Directive	34B
		Groundwater	8B
		Spiking solutions	TRIAL
Simazine	AQUACHECK	Clean water	53
Sinapaldehyde	DAPS	Scotch whisky	Group B, B1
Sirolimus	IPT	Human blood	SIR
S-metolachlor	AQUACHECK	Groundwater	8
"SNR (Soluble Nitrogen Ratio)"	MAPS	Wheat	7
Sodium	AFPS	Animal feed	2
		Premix	8
	AQUACHECK	Mineral Water	59
		Marine water	62
		Higher salinity potable water	1A
		Hard water	1H
		Soft water	1S
		Mineral Water	TRIAL
		Seawater	TRIAL
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 29
		Soil	Group D, 18
	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	510
		Soft drink	519
		Liquid test material	524
		Liquid test material	525
		Liquid test material	526
	QCS	Chocolate	715
		Cocoa powder	716
	QDCS	Butter	36
		Hard cheese	37
		Whole milk powder	41
		Yogurt	58
		Soft cheese	59
		Cheese powder	63
		Milk	66
	Cheese	67	



Analyte	Scheme ID	Matrix	Sample
Sodium	QFCS	Cereal	770
		Ready to eat product	772
		Bread	776
		Cake	793
		Mayonnaise	812
		Food product	821
		Nut product	828
		Food puree	833
	QMAS	Dried or cured meat	730
	Precooked, raw or processed meat	731	
Sodium (extractable)	AQUACHECK	Agricultural soil	14
Sodium bicarbonate	PHARMASSURE	Standard solution	1C
Sodium chloride (Concentration)	PHARMASSURE	Standard solution	1C
Solids-non-fat (SNF)	QDCS	Butter	36
Solubility in cold water	QFCS	Instant coffee	824
Soluble extract 0.2mm	MAPS	Brewers and distillers malt	1
Soluble extract 0.7mm	MAPS	Brewers and distillers malt	1
Soluble extract 1.0mm	MAPS	Brewers and distillers malt	1
Soluble extract difference (0.2 - 0.7mm)	MAPS	Brewers and distillers malt	1
Soluble extract difference (0.2 - 1.0mm)	MAPS	Brewers and distillers malt	1
Soluble nitrogen ratio (SNR)	MAPS	Brewers and distillers malt	1
Soluble reactive phosphorus	AQUACHECK	Spiking solution	10
		Industrial wastewater	17D
		Soft water	2S
		Hard water	2H
Soluble solids	QFCS	Ketchup	811
		Jam or marmalade	817
Sorbic acid	COSMETICS	Cream sample	27
		Mascara	31
	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
Sorbic acid (As free acid)	QBS	Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
Sorbic acid (E200 - E203)	QFCS	Liquid	760
Soy	QFCS	Rice flour	809

Analyte	Scheme ID	Matrix	Sample
Specific gravity	DAPS	Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
		Cream liqueur	Group E, E3
Specific gravity (20°C)	DAPS	Scotch whisky	Group B, B1
		Clear distilled spirit	Group B, B3
Sputum culture	CLS	Pellet	COM
Sputum Specimen Quality	CLS	Slides	VGS
Stain Quality	CLS	Slides	VGS
Staphylococcal enterotoxins	QDCS	Cheese	68
Staphylococcus aureus	CLS	Swab	MRM
		Swab	MRM
		Liquid	PNE
	PHARMASSURE	Lyophilised test material	4A
Staphylococcus aureus culture	CLS	Swab	MRS
Staphylococcus aureus detection	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
	QGS	Gelatine	604
Staphylococcus aureus detection and/or enumeration	PHARMASSURE	Medicinal herb	10
Staphylococcus aureus enumeration	COSMETICS	Powder	10A
		Cream	13A
		Liquid	16A
	HYGIENE	12.5cm x 8.5cm plastic rectangle	7
Staphylococcus species enumeration	QMS	Skimmed milk powder	17
	QMS	Oatmeal	17
	QWAS	Bathing, recreational and surface water	421
Starch	AFPS	Animal feed	1
		Wet Pet Food	9
		Fish feed	14
	QMAS	Meat	733
	SUPS	Raw sugar	7
Stearic acid C18:0	QFCS	Extra virgin olive oil	790
STEC detection	STEC	Milk Powder	D
		Powdered beef	M

Analyte	Scheme ID	Matrix	Sample
STEC serovar (O26;O45;O103;O111;O121;O145;O157) identification	STEC	Milk Powder	D
		Powdered beef	M
Sterility	PHARMASSURE	Lyophilised test material	5
Steviol glycosides (total)	QBS	Soft drink	522
Stimulant drugs	QUARTZ	Blood	1
		Blood and case study	2
Stool culture	CLS	Pellet	COM
Streptococcus agalactiae	CLS	Liquid	PNE
Streptococcus Group A	CLS	Swab	SPY
Streptococcus Group B	CLS	Swab	GBS
Streptococcus Group B culture	CLS	Pellet	COM
Streptococcus Group C/G	CLS	Swab	SPY
Streptococcus pneumoniae	CLS	Liquid	PNE
Streptococcus pneumoniae Antigen	CLS	Liquid	SPN
Streptococcus pyogenes	CLS	Liquid	PNE
Strontium	AQUACHECK	Natural water	4
		Marine water	62
		Groundwater	4G
		Seawater	TRIAL
	TOYTEST	EN71 - 3 Standard solution and real material	3
Styrene	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
Sucralose	QBS	Carbonated drinks (degassed)	516B
		Dilutable and ready to drink materials	517B
	QFCS	Liquid	761
Sucrose	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
		Clear distilled spirit	Group B, B3
		Simulated spirit	Group B, B4
	QBS	Carbonated drinks	515
		Liquid test material	525
		Liquid test material	526
		Dilutable and ready to drink materials	517B
	QCS	Chocolate	715
		Cocoa powder	716
	QFCS	Honey	801
	SUPS	Molasses	5
		Corn syrup	11

Analyte	Scheme ID	Matrix	Sample	
Sudan IV	QFCS	Palm oil	803	
Sugars	AFPS	Animal feed	1	
		Wet Pet Food	9	
Sugars (Total)	DAPS	Scotch whisky	Group B, B1	
		Dark distilled spirit	Group B, B2	
		Clear distilled spirit	Group B, B3	
		Simulated spirit	Group B, B4	
	QBS	Liquid test material	525	
		Liquid test material	526	
	QCS	Cocoa powder	716	
	QDCS	Milk	66	
		Cheese	67	
	QFCS	Cereal	770	
		Cake	793	
		Ketchup	811	
		Mayonnaise	812	
		Mustard	813	
		Canned fruit	814	
		Ground pasta	816	
		Jam or marmalade	817	
		Food product	821	
		Nut product	828	
		Food puree	833	
	QMAS	Dried or cured meat	730	
		Precooked, raw or processed meat	731	
	DAPS	Ready to drink	Group E, E1	
	QCS	Chocolate	715	
	QFCS	Ready to eat product	772	
	Sulfate	AIR	Quartz fibre filter 47mm diameter (Ambient)	14
		AQUACHECK	Mineral Water	59
Marine water			61	
Industrial wastewater			17B	
Higher salinity potable water			1A	
Hard water			1H	
Soft water			1S	
Seawater			TRIAL	
Mineral Water			TRIAL	

Analyte	Scheme ID	Matrix	Sample
Sulfate	BAPS	Lager	2L
	CONTEST	Solid waste leachate	24
		Soil	Group D, 18
		Soil	Group E, 21
	QBS	Liquid test material	524
QFCS	Table salt	819	
Sulfate (Total)	CONTEST	Soil	Group B, 3B
		Standard solution	Group B, 8
Sulfide (easily liberated)	CONTEST	Standard solution	Group B, 12
		Soil	Group B, 3B
Sulfide (Total)	AQUACHECK	Wastewater	32
Sulfur	AQUACHECK	Marine water	62
		Seawater	TRIAL
	OIL	Crude oil	4
Sulfur (Total)	CONTEST	Soil	Group B, 3B
Sulfur content	OIL	#2 Diesel fuel	2
		Engine oil lubricants	5
Sulfur dioxide	QMAS	Meat	761
	BAPS	Ale (Bitter)	1B
		Lager	1L
	SUPS	Cane or beet sugar	3
Sulfur dioxide (Determined as sulfate)	AIR	Impinger solution (Stack emissions)	34
Sulfur dioxide (E220 - E228)	QFCS	Liquid	760
Sulfur dioxide (Free)	DAPS	White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	QBS	Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
Sulfur dioxide (Total)	DAPS	Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
	QBS	Carbonated drinks (degassed)	516A
		Dilutable and ready to drink materials	517A
Sulfuric acid	AQUACHECK	Spiking solutions	TRIAL
Sulphite-reducing bacteria enumeration	QGS	Gelatine	603
	QMAS	Lyophilised meat	738
Sulphite-reducing Clostridia detection	QWAS	Potable water	413
		Mineral water	424

Analyte	Scheme ID	Matrix	Sample
Sulphite-reducing Clostridia enumeration	QWAS	Potable water	413
		Bathing, recreational and surface water	421
Sulphite-reducing Clostridia spores detection	QWAS	Potable water	413
		Mineral water	424
Sulphite-reducing Clostridium spores enumeration	QMS	Oatmeal	15
		Skimmed milk powder	15
		Oatmeal	15
Sulphur Content	OIL	Service Engine Oil	6
Sulphur dioxide	QFCS	Dried fruit	797
Sulpiride	TDM	New born calf serum	PS30
Sunset yellow (E110)	QFCS	Liquid	762
Susceptibility Testing	CLS	Pellet	COM
Suspended solids	AQUACHECK	Spiking solution	3
		Spiking solution	11
		Wastewater	17A
SVOCs	AQUACHECK	Clean water	54
		Spiking solution	TRIAL
Syringaldehyde	DAPS	Scotch whisky	Group B, B1
Syringic Acid	DAPS	Scotch whisky	Group B, B1
Tablet testing	PHARMASSURE	Sample format varies for each round	2C
		Tablet testing	7B
Tablet testing: Diameter	PHARMASSURE	Tablet	2C
		Tablet testing	7B
Tablet testing: Disintegration	PHARMASSURE	Tablet	2C
		Tablet testing	7B
Tablet testing: Dissolution	PHARMASSURE	Tablet	2C
		Tablet testing	7B
Tablet testing: Friability	PHARMASSURE	Tablet	2C
		Tablet testing	7B
Tablet testing: Hardness	PHARMASSURE	Tablet	2C
		Tablet testing	7B
Tablet testing: Resistance to CRUSHING	PHARMASSURE	Tablet	2C
		Tablet testing	7B
Tablet testing: Thickness	PHARMASSURE	Tablet	2C
		Tablet testing	7B
Tablet testing: Weight	PHARMASSURE	Tablet	2C
		Tablet testing	7B

Analyte	Scheme ID	Matrix	Sample
Tacrolimus	IPT	Human blood	CICTAC
Tartrazine (E102)	QFCS	Liquid	763
Taste - Alcoholic/Solvent	BAPS	Lager/ale (Bitter)	5
Taste - Astringent	BAPS	Lager/ale (Bitter)	5
Taste - Bitter	BAPS	Lager/ale (Bitter)	5
Taste - Body	BAPS	Lager/ale (Bitter)	5
Taste - Burnt	BAPS	Lager/ale (Bitter)	5
Taste - Cereal	BAPS	Lager/ale (Bitter)	5
Taste - DMS	BAPS	Lager/ale (Bitter)	5
Taste - Fruity/Citrus	BAPS	Lager/ale (Bitter)	5
Taste - Fruity/Estery	BAPS	Lager/ale (Bitter)	5
Taste - Hop	BAPS	Lager/ale (Bitter)	5
Taste - Linger	BAPS	Lager/ale (Bitter)	5
Taste - Malty	BAPS	Lager/ale (Bitter)	5
Taste - Other	BAPS	Lager/ale (Bitter)	5
Taste - Other sulfur	BAPS	Lager/ale (Bitter)	5
Taste - Oxidised/Aged	BAPS	Lager/ale (Bitter)	5
Taste - Sour	BAPS	Lager/ale (Bitter)	5
Taste - Sweet	BAPS	Lager/ale (Bitter)	5
TD-Amikacin	TDM	Human serum	TD1
TD-Gentamicin	TDM	Human serum	TD1
TDS/ Dry Residue	AQUACHECK	Mineral Water	TRIAL
TD-Tobramycin	TDM	Human serum	TD1
TD-Vancomycin	TDM	Human serum	TD1
Tebuconazole	AQUACHECK	Spiking solution	40
Teicoplanin	TDM	Human serum	AT07
Tellurium	AQUACHECK	Synthetic effluent	12
Temazepam	TOX	Human serum	BNZ
Terbutylazine	AQUACHECK	Groundwater	8B
Terbutryn	AQUACHECK	Clean water	53
		Synthetic effluent	20B
		Groundwater	8B
		Spiking solutions	TRIAL
Terpene compounds	AIR	Tenax TA filled sorbent tubes (Workplace air)	22
Terpinene-4-ol	DAPS	Clear distilled spirit	Group B, B3

Analyte	Scheme ID	Matrix	Sample
Tetrachloroethene	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
	AQUACHECK	Synthetic effluent	18A
		Synthetic effluent	19B
		Groundwater	6A
		Groundwater	7B
Tetrachloromethane	CONTEST	Standard solution	Group C, 19
		Soil	25
Tetra-iso-alpha-acids	BAPS	Ale	3
		Lager	2L
TFN	AQUACHECK	Spiking solution	36
Thallium	AIR	Metals impinger solution (Stack emissions)	33
		Metals and fly ash on Quartz filter 47mm diameter (Stack emissions)	38
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
Theobromine	QCS	Chocolate	715
		Cocoa powder	716
Theophylline	TDM	Human serum	TD1
Thermophilic acidophilic bacteria enumeration	QBS	Lyophilised test material	506
	SUPS	Lyophilised test material	8
Thermophilic aerobic spores enumeration	QMS	Skimmed milk powder	11
		Oatmeal	11
		Skimmed milk powder	11
		Oatmeal	11
Thermotolerant coliforms enumeration	QMS	Skimmed milk powder	20
		Oatmeal	20
Thifensulfuron methyl	AQUACHECK	Groundwater	8B
Thiocyanate	CONTEST	Standard solution	Group B, 16
		Soil	Group B, 3B
		Soil	Group D, 18
Thioridazine	TDM	New born calf serum	PS13
Thousand corn weight	MAPS	Barley	2
Threonine	QFCS	Infant formula powder	823
Throat culture	CLS	Pellet	COM
Tiagabine	TDM	Human serum	AE1



Analyte	Scheme ID	Matrix	Sample
Tin	AQUACHECK	Natural water	5
		Industrial wastewater	17C
		Clean water	5A
		Groundwater	5G
	BAPS	Lager	2L
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
		Soil	Group D, 18
	OIL	Service Engine Oil	6
	QBS	Fruit juice	518
		Soft drink	519
	TOYTEST	EN71 - 3 Standard solution and real material	3
Titanium	AQUACHECK	Natural water	5
		Synthetic effluent	12
		Industrial wastewater	17C
		Groundwater	5G
	OIL	Service Engine Oil	6
Titratable acidity	QDCS	HCl solution	29
		Whipping cream	39
		Skimmed milk powder	51
		Whole milk powder	52
		Milk	56
Titre	PHARMASSURE	Standard solution	1C
TLC	PHARMASSURE	Sample format will depend upon test type	6G
Tobramycin	TDM	Human serum	AT02
Toluene	AIR	Charcoal filled glass sorbent tubes (Workplace air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Workplace air)	12
		Tenax TA filled sorbent tubes (Workplace air)	21
		Carbopack X filled sorbent tubes	12A
	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
	CONTEST	Soil	22
		Standard solution	Group C, 15
	PHARMASSURE	Residual Solvents	2E

Analyte	Scheme ID	Matrix	Sample	
TON	AQUACHECK	Spiking solution	36	
Topiramate	TDM	Human serum	AE2	
Total acidity	DAPS	Scotch whisky	Group B, B1	
		Dark distilled spirit	Group B, B2	
		Clear distilled spirit	Group B, B3	
		Ciders	Group C, C1	
		Red wine	Group D, D2	
		White or Rosé wine	Group D, D1	
		Ready to drink	Group E, E1	
		Liqueur	Group E, E2	
		Tomato paste/puree	783	
		Coffee	802	
		Ketchup	811	
		Mustard	813	
		Jam or marmalade	817	
		Vinegar	822	
Total aerobic count	QWAS	Process water	414	
Total aerobic count at 22°C and 37°C	QWAS	Potable water	412	
		Mineral water	420	
Total aerobic mesophilic count	HYGIENE	12.5cm x 8.5cm plastic rectangle	1	
		12.5cm x 8.5cm plastic rectangle	3	
	QBS	Fruit juice	500	
		Soft drink	501	
	QCS	Cocoa powder	713	
		Chocolate	717	
		Gelatine	602	
	QMAS	Meat	756	
		Lyophilised meat	735	
		Lyophilised fish or shellfish	739	
		Lyophilised fish or shellfish	739	
	QMS	Skimmed milk powder	16	
		Oatmeal	16	
		Tea	29	
		Skimmed milk powder	36	
		Ready meal	41	
	SUPS		Lyophilised test material	6
	QBS		Lyophilised test material	505

Analyte	Scheme ID	Matrix	Sample
Total aerobic microbial count	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
	PHARMASSURE	Medicinal herb	10
		Lyophilised test material	4A
Total Alkalinity	AQUACHECK	Waste water	64
Total anaerobic mesophilic count	QMAS	Lyophilised meat	738
	QMS	Skimmed milk powder	15
		Oatmeal	15
Total anaerobic microbial count	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
Total coliforms enumeration	QMAS	Meat	756
	QMS	Skimmed milk powder	36
	QWAS	Bathing, surface and wastewater	419
		Sea water	422
Total dietary fibre	QDCS	Soft cheese	59
	QFCS	Cereal	770
		Ready to eat product	772
		Flour	775
		Bread	776
		Cake	793
		Ketchup	811
		Mustard	813
		Canned fruit	814
		Ground pasta	816
		Instant coffee	824
		Non-wheat flour	832
		Food puree	833
Total dissolved solids	AQUACHECK	Waste water	64
		Wastewater	17A
		Higher salinity potable water	1A
		Hard water	2H
		Soft water	2S
	CONTEST	Solid waste leachate	24
		Soil	Group E, 21
Total dry extract	QFCS	Vinegar	822

Analyte	Scheme ID	Matrix	Sample
Total Fat	QFCS	Mixed Fat Spread	782
		Grated cheese	800
	QMAS	Dried or cured meat	730
		Precooked, raw or processed meat	731
Total fatty matter (TFM)	COSMETICS	Liquid or solid soap	28
Total gas pressure	BAPS	Ale (Bitter)	1B
		Lager	1L
Total ginsenosides	PHARMASSURE	Supplement	13
Total glucose	QFCS	Instant coffee	824
Total hardness	AQUACHECK	Waste water	64
		Hard water	1H
		Soft water	1S
Total hydrocarbons by GC analysis	AQUACHECK	Mineral oil in wastewater	23
Total hydrocarbons by Gravimetric analysis	AQUACHECK	Mineral oil in wastewater	23
Total hydrocarbons by IR analysis	AQUACHECK	Mineral oil in wastewater	23
Total omega 3:Total omega 6 ratio	QFCS	Grated cheese	800
Total organic carbon (TOC)	AQUACHECK	Waste water	64
		Higher salinity potable water	1A
	CONTEST	Soil	Group C, 3C
Total organic carbon/ dissolved organic carbon (TOC/DOC)	CONTEST	Soil	Group D, 18
Total oxidised nitrogen	AQUACHECK	Spiking solution	10
		Marine water	61
		Hard water	2H
		Soft water	2S
		Seawater	TRIAL
Total Petroleum Hydrocarbons (TPH) (C10-C40 inclusive)	CONTEST	Soil	Group C, 3C
Total polar compounds (TPC)	QFCS	Frying oil	796
Total polyphenols	BAPS	Lager	2L
	QFCS	Extra virgin olive oil	790
Total solids	AIR	Dust rinsing solution (Stack emissions)	39
	AQUACHECK	Agricultural soil	14
	DAPS	Scotch whisky	Group B, B1
		Cream liqueur	Group E, E3
	QDCS	Milk	28
		Yogurt	58
	QFCS	Tomato paste/puree	783

Analyte	Scheme ID	Matrix	Sample
Total solids (105±5°C)	AQUACHECK	Sewage sludge	16
Total soluble nitrogen (TSN)	BAPS	Lager	2L
	MAPS	Brewers and distillers malt	1
		Brewers and distillers malt	1
		Wheat	7
Total Sterols	QFCS	Extra virgin olive oil	790
Total sulphur	AQUACHECK	Sewage sludge	13
Total trans fatty acids	QFCS	Ready to eat product	772
		Mixed Fat Spread	782
		Grated cheese	800
		Cod liver oil	806
		Mayonnaise	812
		Food product	821
	QMAS	Meat	733
Total trihalomethanes (TTHM)	AQUACHECK	Waste water	64
		Swimming Pool Water	TRIAL
Total VDK	BAPS	Ale	3
		Lager	2L
Total viable count	AFPS	Simulated animal feed	7
	QWAS	Sterile water	428
Total volatile nitrogen (TVN)	QMAS	Fish	748
Toxicology case studies	TOX	Serum	CAS
		Urine	CAS
Toxicology drugs/ metabolites	QUARTZ	Urine	8
Toxicology in blood	TOX	Human blood	QT
Toy safety	TOYTEST	EN71 - 8 paper exercise	5
TPH (C10-C40 inclusive)	CONTEST	Standard solution	Group C, 14a
TPH Aliphatic >C10-C12	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C12 -C16	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C16 -C21	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C21-C35	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C35-C40	CONTEST	Soil	Group C, 3C
TPH Aliphatic >C6-C8	CONTEST	Standard solution	Group C, 14b
		Soil	23
TPH Aliphatic >C8-C10	CONTEST	Standard solution	Group C, 14b
		Soil	23
TPH Aliphatic ≤C6	CONTEST	Standard solution	Group C, 14b
		Soil	23

Analyte	Scheme ID	Matrix	Sample
TPH Aromatic >C6-C8	CONTEST	Soil	23
		Standard solution	Group C, 14b
TPH Aromatic >C8-C10	CONTEST	Soil	23
		Standard solution	Group C, 14b
TPH Aromatic >EC10-EC12	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC12-EC16	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC16-EC21	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC21-EC35	CONTEST	Soil	Group C, 3C
TPH Aromatic >EC35-EC40	CONTEST	Soil	Group C, 3C
TPH Aromatic C6	CONTEST	Standard solution	Group C, 14b
		Soil	23
Tramadol	QUARTZ	Blood	3
	TDM	Human serum	AM1
trans-1,3-Dichloropropene	AQUACHECK	Clean water	55
		Spiking solutions	TRIAL
Trans-chlordane	AQUACHECK	Synthetic effluent	19A
		Groundwater	7A
trans-Permethrin	AQUACHECK	Waste water	51
Trazodone	TDM	New born calf serum	PS29
Tribenuron methyl	AQUACHECK	Groundwater	8B
Tribromoacetic acid	AQUACHECK	Clean water	44
Tribromomethane	AQUACHECK	Waste water	64
		Swimming Pool Water	TRIAL
Tributyltin compounds	AQUACHECK	Water Framework Directive	34G
Trichlopyr	AQUACHECK	Groundwater	8
Trichloroacetic acid	AQUACHECK	Clean water	44
Trichlorobenzenes	AQUACHECK	Water Framework Directive	34H
Trichloroethene	AIR	Charcoal filled glass sorbent tubes (Workplace air)	6
	AQUACHECK	Synthetic effluent	18A
		Synthetic effluent	19B
		Groundwater	6A
		Groundwater	7B
	CONTEST	Standard solution	Group C, 19
Soil		25	

Analyte	Scheme ID	Matrix	Sample
Trichloromethane	AQUACHECK	Waste water	64
		Water Framework Directive	34H
		Swimming Pool Water	TRIAL
	CONTEST	Standard solution	Group C, 19
		Soil	25
Trichomonas vaginalis	CLS	Liquid	TCH
Triclopyr	AQUACHECK	Synthetic effluent	20
Triclosan	AQUACHECK	Clean water	43
Trietazine	AQUACHECK	Synthetic effluent	20B
		Groundwater	8B
Trifluralin	AQUACHECK	Synthetic effluent	19A
		Water Framework Directive	34E
		Groundwater	7A
		Spiking solutions	TRIAL
		Clean water	58
	CONTEST	Soil	26
Trimethylamine (TMA)	QMAS	Fish	748
Trimipramine	TDM	New born calf serum	PS09
Tryptophan	QFCS	Infant formula powder	823
TSN (EBC Wort) (Total Soluble Nitrogen)	MAPS	Wheat	7
TSN (IoB Wort) (Total Soluble Nitrogen)	MAPS	Malt	6
		Wheat	7
Turbidity	AQUACHECK	Spiking solution	3
		Spiking solution	11
		Waste water	60
		Water	TRIAL
	DAPS	Clear distilled spirit	Group B, B3
	SUPS	Cane or beet sugar	1
Turbidity (Haze)	DAPS	Scotch whisky	Group B, B1
		Dark distilled spirit	Group B, B2
Tyrosine	QFCS	Infant formula powder	823
Uniformity of dosage units	PHARMASSURE	Tablet testing	7C
Unknown organism identification	QMS	Freeze-dried material	33
	QWAS	Water	426
Unknown substance identification	FAE	Liquid	ID1/2
Unsaponifiable matter	QFCS	Oil or fat	778
Uranium	AQUACHECK	Synthetic effluent	12

Analyte	Scheme ID	Matrix	Sample
Uranium (total)	AQUACHECK	Clean water	42
Uranium-234	AQUACHECK	Clean water	42
Uranium-235	AQUACHECK	Clean water	42
Uranium-238	AQUACHECK	Clean water	42
Urine colony count	CLS	Pellet	COM
Urine culture	CLS	Pellet	COM
UV	PHARMASSURE	Sample format will depend upon test type	6B
UV absorption	AQUACHECK	Spiking solution	38
Valine	QFCS	Infant formula powder	823
Valproate	TDM	Human serum	TD1
Vanadium	AIR	Metals impinger solution (Stack emissions)	33
		Metals and fly ash on Quartz filter 47mm diameter (Stack emissions)	38
	AQUACHECK	Natural water	5
		Sewage sludge	13
		Agricultural soil	14
		Industrial wastewater	17C
		Clean water	5B
		Groundwater	5G
	CONTEST	Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Soil	Group A, 3A
	OIL	Service Engine Oil	6
	Vancomycin	TDM	Human serum
Vancomycin-Resistant Enterococcus	CLS	Swab	VRE
		Swab	VRM
Vanillic Acid	DAPS	Scotch whisky	Group B, B1
Vanillin	DAPS	Scotch whisky	Group B, B1
Venlafaxine	TDM	New born calf serum	PS20
Vibrio fischeri 30 minute IC50 (ISO 11348-3)	AQUACHECK	Ecotoxicology	50
Vibrio parahaemolyticus detection	QMAS	Lyophilised fish or shellfish	745
	QMS	Oatmeal	13
Vibrio species detection	QMAS	Lyophilised fish or shellfish	745
	QMS	Oatmeal	13
Viscosity (Kinematic @100°C)	OIL	Engine oil lubricants	5
Viscosity (Kinematic @40°C)	OIL	Engine oil lubricants	5
Viscosity (Kinematic)	OIL	#2 Diesel fuel	2
		Crude oil	4



Analyte	Scheme ID	Matrix	Sample
Vigabatrin	TDM	Human serum	AE2
Viruses (Identification)	CLS	Liquid	GIP
		Liquid	MEP
		Liquid	RSP
Viscosity	QGS	Gelatine	606
	COSMETICS	Liquid cosmetics	23
	MAPS	Brewers and distillers malt	1
		Brewers and distillers malt	1
Viscosity (EBC Wort)	MAPS	Wheat	7
Viscosity (IoB Wort)	MAPS	Wheat	7
Viscosity (Kinematic @100°C)	OIL	Service Engine Oil	6
Viscosity (Kinematic @40°C)	OIL	Service Engine Oil	6
Viscosity (Tapered Plug)	OIL	Engine oil lubricants	5
Viscosity 10000 mPa*s (cP)	OIL	Engine oil lubricants	5
Viscosity 20000 mPa*s (cP)	OIL	Engine oil lubricants	5
Viscosity 30000 mPa*s (cP)	OIL	Engine oil lubricants	5
Viscosity 40000 mPa*s (cP)	OIL	Engine oil lubricants	5
Viscosity, Low Temperature	OIL	Engine oil lubricants	5
Viscosity, Low Temperature @ 5000 mPa*s (cP)	OIL	Engine oil lubricants	5
Vitamin A	QFCS	Mixed Fat Spread	782
		Cod liver oil	806
Vitamin A (as Retinol)	QFCS	Cereal	771
Vitamin A,C,D	QDCS	Milk powder	44
Vitamin B1 (Thiamine)	QFCS	Cereal	771
		Bread	776
Vitamin B12 (Cobalamins)	QFCS	Cereal	771
Vitamin B12 (Cyanocobalamin)	QBS	Soft drink	521
Vitamin B2 (Riboflavin)	QFCS	Cereal	771
		Bread	776
Vitamin B3 (Niacin)	QFCS	Cereal	771
		Bread	776
Vitamin B3 (Nicotinamide)	QBS	Soft drink	521
Vitamin B5 (Pantothenic acid)	QBS	Soft drink	521
	QFCS	Cereal	771
Vitamin B6	QFCS	Cereal	771
Vitamin B6 (Pyridoxine)	QBS	Soft drink	521

Analyte	Scheme ID	Matrix	Sample
Vitamin B9 (Folic acid)	QFCS	Cereal	771
Vitamin C (Ascorbic acid)	QBS	Soft drink	521
	QFCS	Cereal	771
		Fruit/vegetable puree	830
Vitamin D	QFCS	Cereal	771
		Mixed Fat Spread	782
		Cod liver oil	806
Volatile acidity	DAPS	Ciders	Group C, C1
		White or Rosé wine	Group D, D1
		Red wine	Group D, D2
		Ready to drink	Group E, E1
		Liqueur	Group E, E2
Volatile oil	QFCS	Ground pepper	815
Volatility – (GC)	OIL	Engine oil lubricants	5
Volitile acidity	QFCS	Vinegar	822
Volume	AIR	Impinger solution (Stack emissions)	31
		Impinger solution (Stack emissions)	32
		Metals impinger solution (Stack emissions)	33
		Impinger solution (Stack emissions)	34
		Impinger solution (Stack emissions)	35
		Impinger solution (Stack emissions)	36
		Impinger solution (Stack emissions)	37
Volume of sample provided	AQUACHECK	Mineral oil in wastewater	23
		Oil and grease in wastewater	24
Water	OIL	Crude oil	4
	QFCS	Oil or fat	778
		Mixed Fat Spread	782
		Coffee	802
Water (Procedure A)	OIL	Engine oil lubricants	5
Water (Procedure B)	OIL	Engine oil lubricants	5
Water activity	QCS	Chocolate	715
	QFCS	Cereal	774
		Cured meat	774
		Hard cheese	774
Water and sediment	OIL	#2 Diesel fuel	2
Water content	OIL	Engine oil lubricants	5
		Service Engine Oil	6
Water extract	QFCS	Dried tea	829
Water extractable boron	AQUACHECK	Agricultural soil	14

Analyte	Scheme ID	Matrix	Sample
Water insoluble matter	COSMETICS	Powder detergent	29
		Liquid detergent	32
Water insoluble solids	QFCS	Honey	801
Water soluble ash	QFCS	Dried tea	829
Water soluble boron	CONTEST	Standard solution	Group B, 10
		Soil	Group B, 3B
Water soluble chloride	CONTEST	Soil	Group B, 3B
Water soluble fluoride	CONTEST	Soil	Group B, 3B
Water soluble sulfate	CONTEST	Soil	Group B, 3B
Wax content	QFCS	Extra virgin olive oil	790
		Olive oil	791
Wild yeast count	BAPS	Lyophilised test material	4H
		Lyophilised test material	4L
Wound culture	CLS	Pellet	COM
WPNI	QDCS	Skimmed milk powder	51
		Whole milk powder	52
X-ray Powder Diffraction (XRPD)	PHARMASSURE	Sample format will depend upon test type	6L
Xylene (all isomers)	AIR	Charcoal filled glass sorbent tubes (Workplace air)	5
		Tenax TA filled sorbent tubes (Workplace air)	7
		Tenax TA filled sorbent tubes (Ambient)	12
		Carbopack X filled sorbent tubes	12A
Xylene (Total)	AQUACHECK	Synthetic effluent	18C
		Groundwater	6C
Xylenols	CONTEST	Soil	Group C, 3C
Xylenols (Total)	CONTEST	Standard solution	Group C, 7b
Yeast & mould enumeration	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
		12.5cm x 8.5cm plastic rectangle	6
	QMAS	Lyophilised meat	746
	QMS	Skimmed milk powder	36
	PHARMASSURE	Lyophilised test material	4B
Yeast and mould (Total count)	COSMETICS	Powder	10B
		Cream	13B
		Liquid	16B
	QMS	Skimmed milk powder	23
		Oatmeal	23
		Tea	29
QWAS	Process water	414	

Analyte	Scheme ID	Matrix	Sample
Yeast and/or mould detection and/or enumeration	PHARMASSURE	Medicinal herb	10
Yeast and/or mould enumeration	QMAS	Meat	756
	QMS	Ready meal	41
Yeast enumeration	AFPS	Simulated animal feed	7
	HYGIENE	12.5cm x 8.5cm plastic rectangle	1
		12.5cm x 8.5cm plastic rectangle	6
	QBS	Fruit juice	500
		Soft drink	501
		Lyophilised test material	505
	QCS	Cocoa powder	713
		Chocolate	717
	QMAS	Lyophilised meat	746
	QMS	Skimmed milk powder	23
		Oatmeal	23
		Skimmed milk powder	36
	QWAS	Process water	414
SUPS	Lyophilised test material	6	
Yeasts (Identification)	CLS	Liquid	BCP
		Liquid	MEP
Yersinia enterocolitica detection	QMS	Skimmed milk powder	14
Yersinia species detection	QMS	Skimmed milk powder	14
Zaleplon	TOX	Human serum	ZMIX
Zinc	AFPS	Animal feed	2
		Premix	8
	AIR	25 mm Cellulose acetate (Workplace air)	1
		37 mm Cellulose acetate (Workplace air)	1A
		37 mm Cellulose acetate (Workplace air)	1B
		25 mm Cellulose acetate (Workplace air)	1C
		bulk welding fume sample	10A
	AQUACHECK	Natural water	4
		Synthetic effluent	12
		Sewage sludge	13
		Agricultural soil	14
		Marine water	62
		Industrial wastewater	17C
		Groundwater	4G
		Clean water	5B
Seawater	TRIAL		

Analyte	Scheme ID	Matrix	Sample
Zinc	BAPS	Lager	2L
	CONTEST	Solid waste leachate	24
		Standard solution	Group A, 1a
		Soil extract	Group A, 2
		Standard solution	Group A, 29
		Soil	Group A, 3A
		Soil	Group D, 18
		Soil	Group E, 21
	COSMETICS	Mouthwash sample	24
		Toothpaste sample	25
	OIL	Engine oil lubricants	5
		Service Engine Oil	6
	QBS	Fruit juice	518
		Soft drink	519
	QDCS	Whole milk powder	42
	QFCS	Cereal	770
	QMAS	Shellfish	741
		Fish	742
		Meat	747
	TOYTEST	EN71 - 3 Standard solution and real material	3
Ziprasidone	TDM	New born calf serum	PS26
Zolpidem	TOX	Human serum	ZMIX
Zonisamide	TDM	Human serum	AE2
Zopiclone	TOX	Human serum	ZMIX
Zuclopenthixol	TDM	New born calf serum	PS23



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