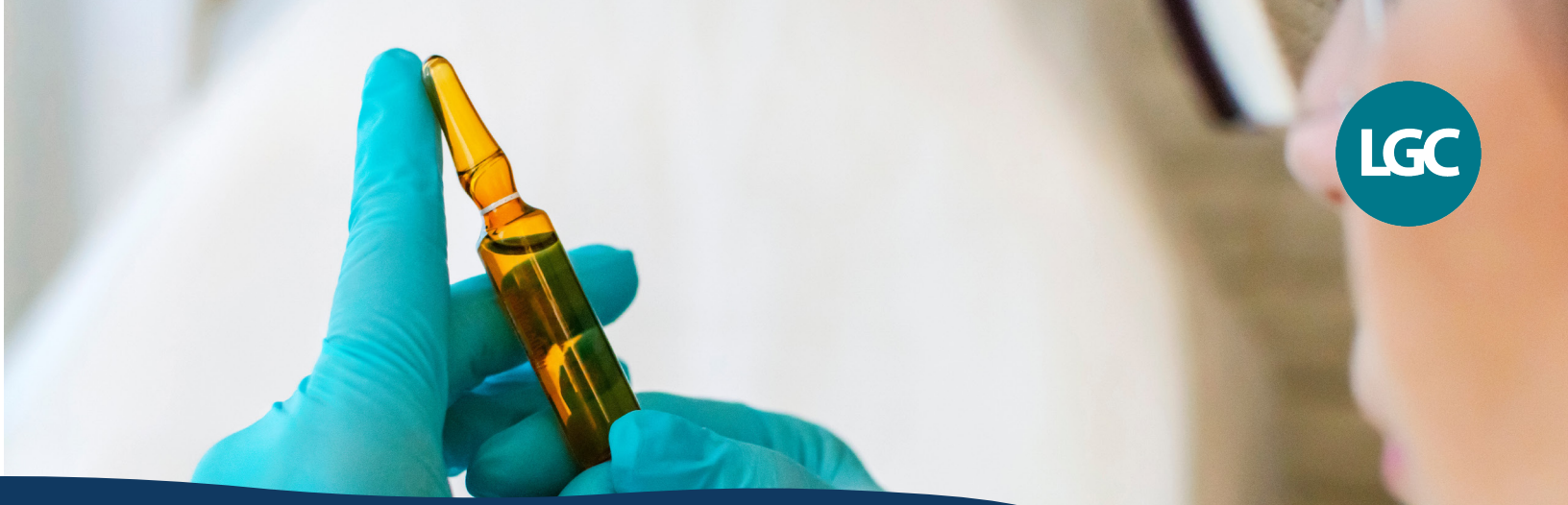

NITROGEN & SULFUR CALIBRATION SET AND CHECK STANDARD AMPOULE KITS

LGC Industrial has expanded our selection of Nitrogen and Sulfur Calibration Sets and Check Standard Ampoule Kits in order to provide updated solutions for Fuel Analysis laboratories.

Our ampouled kits can be used for different matrices including Isooctane, p-Xylene, Toluene, and Diesel, and are standardized for ASTM D5453 and ASTM D4629. The single-use ampoules are carefully measured out to help with ease of use, to guarantee you are using high-quality reference materials to calibrate your fuel testing equipment, and to ensure accurate testing results.

Ampouled ASTM D5453 Matrix Calibration Curve 1, 2, & 3 Sets

Matrix	Description	Size	Product Number
Isooctane	ASTM D5453 Curve 1, S @ 0.5 -10ppm in isooctane	2 mL - 6 pack	ALK-KTSISOV6-CRV1
Isooctane	ASTM D5453 Curve 2, S @ 5-100 ppm in isooctane	2 mL - 5 pack	ALK-KTSISOV5-CRV2
Isooctane	ASTM D5453 Curve 3, S @ 100-1000 ppm in isooctane	2 mL - 4 pack	ALK-KTSISOV4-CRV3
Toluene	ASTM D5453 Curve 1, S @ 0.5 -10ppm in Toluene	2 mL - 6 pack	ALK-KTSTOLV6-CRV1
Toluene	ASTM D5453 Curve 2, S @ 5 -100 ppm in Toluene	2 mL - 5 pack	ALK-KTSTOLV5-CRV2
Toluene	ASTM D5453 Curve 3, S @ 100 -1000 ppm in Toluene	2 mL - 4 pack	ALK-KTSTOLV4-CRV3
75% Isooctane / 25% Toluene	ASTM D5453 Curve 1, S @ 0.5 -10ppm in 75% Isooctane/25% Toluene	2 mL - 6 pack	ALK-KTSISO25TV6-CRV1
75% Isooctane / 25% Toluene	ASTM D5453 Curve 2, S @ 5 -100 ppm in 75% Isooctane/25% Toluene	2 mL - 5 pack	ALK-KTSISO25TV5-CRV2
75% Isooctane / 25% Toluene	ASTM D5453 Curve 3, S @ 100 -1000 ppm in 75% Isooctane/25% Toluene	2 mL - 4 pack	ALK-KTSISO25TV4-CRV3
p-Xylene	ASTM D5453 Curve 1, S @ 0.5-10ppm in p-xylene	2 mL - 6 pack	ALK-KTSPXV6-CRV1
p-Xylene	ASTM D5453 Curve 2, S @ 5-100 ppm in p-xylene	2 mL - 5 pack	ALK-KTSPXV5-CRV2
p-Xylene	ASTM D5453 Curve 3, S @ 100-1000 ppm in p-xylene	2 mL - 4 pack	ALK-KTSPXV4-CRV3

Ampouled Sulfur Calibration Sets for ASTM D5453

Matrix	Description	Size	Product Number
Isooctane	Sulfur Set for ASTM D5453: S @ 0, 100, 250, 500, 750, 1000 ng/µL in Isooctane	2 mL - 6 pack	ALK-KTSISOV6-1KSET
Isooctane	Sulfur Set for ASTM D5453: S @ 0, 5, 25, 50, 100, 200 ng/µL in Isooctane	2 mL - 6 pack	ALK-KTSISOV6-200SET
Isooctane	Sulfur Set for ASTM D5453: S @ 0, 1.0, 2.5, 5, 7.5, 10 ng/µL in Isooctane	2 mL - 6 pack	ALK-KTSISOV6-10SET
p-xylene	Sulfur Set for ASTM D5453: S @ 0, 2.5, 5, 7.5, 15, 20 ng/µL in p-xylene	2 mL - 6 pack	ALK-KTSPXV6-20SET
Toluene	Sulfur Set for ASTM D5453 - S @ 0, 100, 250, 500, 750, 1000 ng/µL in Toluene	2 mL - 6 pack	ALK-KTSTOLV6-1KSET
Toluene	Sulfur Set for ASTM D5453 - S @ 0, 1, 2.5, 5, 7.5, 10 ng/µL in toluene.	2 mL - 6 pack	ALK-KTSTOLV6-10SET

Ampouled Nitrogen Check Standard Kits

Matrix	Description	Size	Product Number
Isooctane	Nitrogen Check Standard: N @ 10 ppm in Isooctane	2 mL - 5 pack	ALK-KTNISOV5-10SGL
Isooctane	Nitrogen Check Standard: N @ 1 ppm in Isooctane	2 mL - 5 pack	ALK-KTNISOV5-1SGL
Isooctane	Nitrogen Check Standard: N @ 50 ppm in Isooctane	2 mL - 5 pack	ALK-KTNISOV5-50SGL
Toluene	Nitrogen Check Standard: N @ 10 ppm in Toluene	2 mL - 5 pack	ALK-KTNTOLV5-10SGL
Toluene	Nitrogen Check Standard: N @ 1 ppm in Toluene	2 mL - 5 pack	ALK-KTNTOLV5-1SGL
Toluene	Nitrogen Check Standard: N @ 50 ppm in Toluene	2 mL - 5 pack	ALK-KTNTOLV5-50SGL

Assorted Ampouled Calibration Sets and Check Standard Kits

Matrix	Description	Size	Product Number
Toluene	ASTM D4629 Calibration Set, N @ 0-100 mg/L in Toluene	2 mL - 7 pack	ALK-KTNTOLV7-100SET
Toluene	Nitrogen Calibration Set: 0-100 mg/kg in Toluene	2 mL - 7 pack	ALK-KTNTOLW7-100SET
Isooctane	Nitrogen Calibration Set: 0-100 mg/kg in Isoooctane	2 mL - 9 pack	ALK-KTNISOV9-100SET
Isooctane	Nitrogen Set: N @ 50, 70, 150, 250, 300 µg/g (from Pyridine) in Isooctane	2 mL - 6 pack	ALK-KTNISOW6-300SET
Isooctane	ASTM D4629 Calibration Set, N @ 0-100 mg/L in Isooctane	2 mL - 7 pack	ALK-KTNISOV7-100SET
Isooctane	Sulfur & Nitrogen Standard: S @ 0, 1, 5, 10, 15, 20 ng/µL and N @ 0, 1, 5, 20, 35, 50 ng/µL in Isooctane	2 mL - 6 pack	ALK-KTNSISOV6-SET
Isooctane	Sulfur & Nitrogen Calibration Set: S, N @ 0, 0.25, 0.5, 0.75, 1.5, 3, 5 mg/kg in Isooctane	2 mL - 7 pack	ALK-KTNSISOW7-SET
Isooctane	Sulfur & Nitrogen Check Standard: S, N @ 1 mg/kg in Isooctane	2 mL - 5 pack	ALK-KTNSISOW5-1SGL
Diesel	Sulfur Calibration Set: S @ 0-25 mg/kg in Synthetic Diesel	2 mL - 6 pack	ALK-KTSSYNDSL-100SET
Diesel	Sulfur Calibration Set: S @ 0-10 mg/Kg in Synthetic Diesel	2 mL - 7 pack	ALK-KTSSYNDSL-10SET
Diesel	Sulfur Calibration Set: S @ 25-1000 mg/Kg in Synthetic Diesel	2 mL - 5 pack	ALK-KTSSYNDSL-1KSET
Toluene	Sulfur Calibration Set: S @ 0-50 mg/kg in Toluene	2 mL - 10 pack	ALK-KTSTOLW10-50SET
Toluene	Sulfur Calibration Set: S @ 0-100 mg/kg in Toluene	2 mL - 11 pack	ALK-KTSTOLW11-100SET
Isooctane	Sulfur Calibration Set: S @ 0-15 mg/kg in Isooctane	2 mL - 6 pack	ALK-KTSISOW6-15SET
Isooctane	Sulfur Calibration Set: S @ 0-100 mg/kg in Isooctane	2 mL - 6 pack	ALK-KTSISOW6-100SET