



## ASTM D6258 Red Dye #26 Standards

For determination of Solvent Red 164 Dye Concentration in Diesel Fuels

### Ensure your diesel fuel dye testing accuracy

Many commercially available reagents specified in [ASTM D6258](#) have a significant problem with impurities. This can cause testing labs and final data end users unintended issues, up to and including serious penalties if their diesel fuel is found out of compliance.

VHG™ is proud to solve these challenges with the introduction of our accurate and thoroughly characterized dye testing standard for use with [ASTM D6258](#).

- The calibration and control standards are produced from a highly characterized, certified dye, delivering consistent lot-to-lot performance for each calibration standard with excellent correlation statistics
- The product is created using our stringent manufacturing processes, which are [accredited to ISO 17034](#) and [certified to ISO 9001](#)
- The CRM was prepared to the certified concentrations shown on the reverse side by gravimetric methods in accordance to [ASTM D6258](#)
- Each lot of the product passes rigorous Quality Control by UV-VIS in our laboratory [accredited to ISO/IEC 17025](#)
- The product is shipped with a comprehensive Certificate of Analysis (CoA)

### Contact us today to get started!

Our experts are ready to discuss your specific needs and get you started down the road to more accurate testing data.



Tel: +1 603 622 7660



Email: [lgcusa@lgcgroup.com](mailto:lgcusa@lgcgroup.com)

Order Online: [www2.lgcgroup.com/VHG\\_RedDyeDiesel\\_ShopNow](http://www2.lgcgroup.com/VHG_RedDyeDiesel_ShopNow)

**Our Quality:** [ISO 17043](#) | [ISO 17034](#) | [ISO/IEC 17025](#) | [ISO 9001](#)

#GoBeyondTheStandard





# ASTM D6258 Red Dye #26 Standards

## Petrochemical Test Reference Material

VHG™ Red Dye #26 Standards are intended for use as a Reference Material or calibration standard for the analysis of Solvent Red Dye 164 in Diesel by ASTM D6258

- VHG™ ensures the accuracy of this solution for 12 months from the Certification Date
- The Solvent Red Dye #26 concentrate was prepared in Xylene and diluted to the final concentration in Kerosene
- The reference material was prepared to the certified concentrations shown below by gravimetric methods in accordance to ASTM D6258
- Each lot of the product passes rigorous Quality Control by UV-VIS in our laboratory accredited to ISO/IEC 17025

### Available Red Dye #26 Standards include:

| Red Dye #26 QC Check |        |                 |              | Matrix: Kerosene                    |
|----------------------|--------|-----------------|--------------|-------------------------------------|
| Analyte              | Size   | Certified Conc. | Uncertainty  | Product No.                         |
| Red Dye #26          | 100 mL | 10.0 mg/L       | +/- 2.5 mg/L | <a href="#">VHG-DSLRED26-QC-100</a> |
| Red Dye #26          | 100 mL | 14.0 mg/L       | +/- 2.5 mg/L | VHG-DSLRED26-14-100                 |

| Analyte: Red Dye #26                     |         |                 | Matrix: Kerosene |
|--|---------|-----------------|------------------|
| Calibration Kit: 0, 3, 6, 9, 12, 15 mg/L |         |                 | Size: 6 x 100 mL |
| Part Description                         | Size    | Certified Conc. | Uncertainty      |
| Red Dye #26                              | 0 mg/L  | < 0.1 mg/L      | +/- 0.3 mg/L     |
| Red Dye #26                              | 3 mg/L  | 3.0 mg/L        | +/- 1.3 mg/L     |
| Red Dye #26                              | 6 mg/L  | 6.0 mg/L        | +/- 1.9 mg/L     |
| Red Dye #26                              | 9 mg/L  | 9.0 mg/L        | +/- 2.3 mg/L     |
| Red Dye #26                              | 12 mg/L | 12.0 mg/L       | +/- 2.7 mg/L     |
| Red Dye #26                              | 15 mg/L | 15.0 mg/L       | +/- 3.0 mg/L     |

Product No.: [VHG-DSLREDDYE-KIT-6X100](#)

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