



ASTM D 5623 Standard Test Method for Sulfur Components in Light Petroleum Liquids by Gas Chromatography and Sulfur Selective Detection

DCG has available N.I.S.T. Traceable by weight, gravimetrically prepared calibration standards and system check standards for ASTM D 5623. All standards in addition to being gravimetrically prepared and NIST Traceable by weight have also been verified by one or more analytical methods.

Part #: ASTM D 5623 Standard # 1: \$100.00

Packaged in 2 ml. amber ampoules. Concentration: Weight

- 100 ppm Ethyl Mercaptan
- 20 ppm Carbon Disulfide
- 100 ppm Isopropyl Mercaptan
- 50 ppm Tert Butyl Mercaptan
- 100 ppm N-Propyl Mercaptan
- 50 ppm Sec-Butyl Mercaptan
- 100 ppm Isobutyl Mercaptan
- 50 ppm N-Butyl Mercaptan
- Balance Isooctane/Toluene (90/10)

Part #: ASTM D 5623 Standard # 2: \$100.00

Packaged in 2 ml. amber ampoules. Concentration: Weight

- 100 ppm Dimethyl Sulfide
- 50 ppm Ethyl Methyl Sulfide
- 100 ppm Thiophene
- 75 ppm Diethyl Sulfide
- 20 ppm Dimethyl Disulfide
- 75 ppm 2-Methyl Thiophene
- 100 ppm 3-Methyl Thiophene
- 20 ppm Diethyl Disulfide
- 75 ppm Benzothiophene
- 100 ppm 3-Methylbenzothiophene
- Balance Isooctane/Toluene (90/10)

Individual Compounds for Identification Purposes Only

Due to the volatile nature of Hydrogen Sulfide, Carbonyl Sulfide, Sulfur Dioxide and Methyl Mercaptan these standards are not stable but can be used for compound identification purposes.



Part #: ASTM D 5623 H₂S ISOTOL: \$20.00

Packaged in 2 ml. amber ampoules. Concentration: Weight

100 ppm Hydrogen Sulfide
Balance Isooctane/Toluene (90/10)

Part #: ASTM D 5623 COS ISOTOL: \$20.00

Packaged in 2 ml. amber ampoules. Concentration: Weight

100 ppm Carbonyl Sulfide
Balance Isooctane/Toluene (90/10)

Part #: ASTM D 5623 SO₂ ISOTOL: \$20.00

Packaged in 2 ml. amber ampoules. Concentration: Weight

100 ppm Sulfur Dioxide
Balance Isooctane/Toluene (90/10)

Part #: ASTM D 5623 MM ISOTOL: \$20.00

Packaged in 2 ml. amber ampoules: Concentration: Weight

100 ppm Methyl Mercaptan
Balance Isooctane/Toluene (90/10)

ASTM D 5623 System Test Mixture Kits

Part #: ASTM D 5623 System Test Mixture #1: \$50.00

Packaged in 2 ml. amber ampoules. Concentration: Weight

0.1 ppm Dimethyl Sulfide
10 ppm Dimethyl Disulfide
100 ppm 3-Methylthiophene
10 ppm Benzothiophene
Balance Isooctane/Toluene (90/10)

Part #: ASTM D 5623 System Test Mixture #2: \$20.00

Packaged in 2 ml. amber ampoules. Concentration: Weight

0.1 ppm N-Propyl Mercaptan
Balance Isooctane/Toluene (90/10)

Prices are subject to change