



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

DCG has available NIST 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. Custom standards are available upon request.

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.

4170 A Main Pearland, TX 77581 PH: 281-648-1894 FAX: 281-648-1895

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Chromatographic Reference Materials



DCG Partnership I, LTD

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

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Chromatographic Reference Materials