

Sulfur(s) & Nitrogen(s) in LPG and Gas Phase Reference Materials

DCG has available NIST traceable gravimetrically prepared certified reference materials (CRMs) for total and speciated sulfur and reference materials (RMs) for total and speciated nitrogen in LPG and gas phase. All CRMs and RMs are verified analytically and are made to our customer's specifications at time of order. Customer stock of the reference material may be available by request.

Total Sulfur and Total Nitrogen in LPG CRMs and RMs

- Prepared gravimetrically.
- ppm to percent ranges.
- Most commonly requested matrices: Propane, Propylene, n-Butane and Propane/Propylene.
- Matrices including Isobutane, Propylene, Propane/n-Butane are also available.
- Dimethyl Sulfide used as total sulfur compound. Other sulfur compounds may be used by request.
- Acetonitrile used as total nitrogen compound. Other nitrogen compounds may be used by request.
- Certificates will reflect component value as:
Total Nitrogen by weight from Acetonitrile
Total Sulfur by weight from Dimethyl Sulfide

Total Sulfur and Total Nitrogen in Gas Phase CRMs and RMs

- Same as Total Sulfur and Total Nitrogen in LPG reference materials except for matrix.
- Most commonly requested matrices: Nitrogen (sulfur), Helium, Methane, Ethane, Propane, Propylene, Propane/Propylene.

Speciated Sulfur(s) and Speciated Nitrogen(s) in LPG CRMs and RMs

- Prepared gravimetrically.
- ppm to percent range.
- Same matrices as Total Sulfur and Total Nitrogen in LPG CRMs and RMs.
- Multiple sulfur and nitrogen compounds can be blended together.
- Consult DCG Customer Service for assistance in determining sulfur compatibility.

Speciated Sulfur(s) and Speciated Nitrogen(s) in Gas Phase CRMs and RMs

- Same as Speciated Sulfur and Speciated Nitrogen in LPG reference materials except for matrix.
- Most commonly requested matrices: Nitrogen (sulfur), Helium, Methane, Ethane, Propane, Propylene, Propane/Propylene.

For Sales Inquiries:

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