

## **Total Sulfur & Total Nitrogen & Speciated Sulfur(s) & Speciated Nitrogen(s) in LPG and Gas Phase Calibration Standards**

DCG has available N.I.S.T. Traceable by weight gravimetrically prepared calibration standards for Total Sulfur and Total Nitrogen by weight and Speciated Sulfur(s) and Speciated Nitrogen(s) in LPG and Gas Phase. All standards, in addition to being gravimetrically prepared and N.I.S.T. Traceable by weight, have also been verified by one or more analytical methods. These standards are made to our customer's specifications at time of order.

### **Total Sulfur and Total Nitrogen in LPG Calibration Standards**

- Prepared on wt/wt basis
- ppb to percent ranges
- Most commonly requested matrices: Propane, Propylene, N-Butane and Propane/Propylene
- Matrices such as Isobutane, Propylene, Propane/N-Butane, etc. are also available
- Dimethyl Sulfide used as total sulfur compound
- Acetonitrile used as total nitrogen compound
- 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 Calibration Standards**

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

### **Speciated Sulfur(s) and Speciated Nitrogen(s) in LPG Calibration Standards**

- Prepared by mole or by weight
- ppb to percent range
- Same matrices as Total Sulfur and Total Nitrogen in LPG Calibration Standards
- Multiple Sulfur and Nitrogen compounds can be blended together
- Consult your DCG Technical Specialist for assistance in determining sulfur compatibility
- Total Sulfur and Total Nitrogen per component can be provided if ordered on wt/wt basis

### **Speciated Sulfur(s) and Speciated Nitrogen(s) in Gas Phase Calibration Standards**

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



4170 A Main Pearland, TX 77581 PH: 281-648-1894 FAX: 281-648-1895  
www.dcgpartnership.com  
E-mail: sales@dcgpartnership.com

**Chromatographic Reference Materials**