



Binary Calibration Standards

DCG prepares a wide variety of two component calibration standards. These standards are gravimetrically prepared and N.I.S.T. Traceable by weight with the gravimetric values verified by one or more analytical methods. The following standards are examples of what DCG prepares. Please call your DCG Technical Specialist for assistance in determining the composition of a standard that meets your needs.

BTU Standards

Specific Gravity Standards

≥ 5 ppm Oxygen in Nitrogen or Helium

≥ low ppb Hydrogen Sulfide in Nitrogen, Helium or Methane

≥ 1 ppm Sulfur Dioxide in Nitrogen, Helium or Methane

≥ ppb Carbon Monoxide in Nitrogen or Helium

≥ ppb Carbon Dioxide in Nitrogen or Helium

≥ 1 ppm Acetaldehyde in LPG

Methane in Nitrogen

Methane in Carbon Dioxide

Hydrogen Linearity Standards

5.00% Hydrogen in Methane or Nitrogen

20.0% Hydrogen in Methane or Nitrogen

35.0% Hydrogen in Methane or Nitrogen

50.0% Hydrogen in Methane or Nitrogen

65.0% Hydrogen in Methane or Nitrogen

80.0% Hydrogen in Methane or Nitrogen

95.0% Hydrogen in Methane or Nitrogen