

Sulfur Measurement ASTM Methods

ASTM	Date	Description
D 2420-07 (2010) Standard test method for hydrogen sulfide in liquefied petroleum gases (Lead Acetate Method)	2010	Products of combustion must not be unduly corrosive to the materials with which they come in contact. The personnel exposure hazards of H ₂ S also make the detection of H ₂ S important.
D 4045-04 Standard test method for sulfur in Petroleum Products by hydrogenolysis and ratiometric colorimetry.	2004	Used to monitor the amount of sulfur in such petroleum fractions, may also be used as a quality-control tool for sulfur determination in finished products.
D 4084-07 Standard test method for analysis of hydrogen sulfide in gaseous fuels (Lead Acetate Reaction Rate Method)	2007	This method is useful in determining the concentration of hydrogen sulfide in gaseous samples and in verifying compliance. The user is referred to Practice D 7166 for unattended online use
D 4323-84 (2009) Standard test method for hydrogen sulfide in the atmosphere by rate of change of reflectance.	2009	Measurement is required for air pollution studies, for pollution control and for plume characterization. Equipment described is suitable for fixed.
D 4468-85 (2011) Standard test method for total sulfur in gaseous fuels by hydrogenolysis and ratiometric colorimetry.	2011	Can be used to determine specification or regulatory compliance to requirements, for total sulfur in gaseous fuels. May also be used as a quality-control tool for sulfur determination in finished products.