



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Hydrogen Sulfide
Product Number H2S-20260217
Batch Number H2S-SH2026021701
Brand SIGALD
CAS Number 7783-06-4
MDL Number MFCD00011444
Formula H₂S
Formula Weight 34.08 g/mol

Quality Release Date 17 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (State)	Colorless gas	Colorless gas	-	Visual Inspection
Odor	Rotten egg smell	Rotten egg smell	-	Sensory Test
Purity (H ₂ S)	≥ 99.5%	99.8%	%	Gas Chromatography (GC)
Impurity (Oxygen)	≤ 0.1%	0.05%	%	Gas Chromatography (GC)
Impurity (Nitrogen)	≤ 0.2%	0.1%	%	Gas Chromatography (GC)
Impurity (Carbon Dioxide)	≤ 0.1%	0.03%	%	Gas Chromatography (GC)
Moisture Content	≤ 50 ppm	28 ppm	ppm	Coulometric Titration
Acidity (as H ₂ S)	Meets standard	Meets standard	-	Titration Method

Certification This batch of product has been tested in accordance with industrial standards for hydrogen sulfide and meets all specified requirements. It is qualified for use.

Issue Date: 17 FEB 2026