



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Information

Product Name Bromine
Product Number BR2-20260227
Batch Number BR2-SH2026022701
Brand SIGALD
CAS Number 7726-95-6
MDL Number MFCD00011323
Formula Br₂
Formula Weight 159.81 g/mol

Quality Release Date 27 FEB 2026

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance (State)	Reddish-brown liquid	Reddish-brown liquid	-	Visual Inspection
Odor	Pungent, irritating	Pungent, irritating	-	Sensory Test
Purity (Br ₂)	≥ 99.5%	99.7%	%	Titration Method
Impurity (Chlorine)	≤ 0.2%	0.1%	%	Gas Chromatography (GC)
Impurity (Iodine)	≤ 0.1%	0.05%	%	Spectrophotometry
Moisture Content	≤ 0.3%	0.15%	%	Karl Fischer Titration
Heavy Metals (Pb)	≤ 0.001%	0.0003%	%	Atomic Absorption Spectrometry (AAS)

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

Issue Date: 27 FEB 2026