

Product Specification

Product Name:

Bromine for analysis, ACS PurReagent, ≥99.5%

Product No.: PSR37779
Brand: PureSynth
CAS No.: 7726-95-6
Molecular Formula: Br₂
Molecular Weight: 159.81 g/mol



Test	Specification
Appearance	Dark Red to Very Dark Red and Red-Brown and very Dark Red-Brown Liquid
Assay (By Titration)	≥ 99.5 %
Residue on Evaporation	NMT 0.005 %
Non-volatile Matter	NMT 50 ppm
Identification by IR	Conforms to Structure
Aluminium (Al)	NMT 0.100 ppm
Barium (Ba)	NMT 0.100 ppm
Beryllium (Be)	NMT 0.020 ppm
Bismuth (Bi)	NMT 0.100 ppm
Calcium (Ca)	NMT 0.500 ppm
Cadmium (Cd)	NMT 0.050 ppm
Chromium (Cr)	NMT 0.050 ppm
Chlorine (Cl)	NMT 500 ppm
Cobalt (Co)	NMT 0.020 ppm
Copper (Cu)	NMT 0.100 ppm
Germanium (Ge)	NMT 0.050 ppm
Heavy Metal (as Pb)	NMT 2 ppm
Iodine (I)	NMT 10 ppm
Iron (Fe)	NMT 0.500 ppm
Lithium (Li)	NMT 0.020 ppm
Magnesium (Mg)	NMT 0.500 ppm
Manganese (Mn)	NMT 0.020 ppm
Molybdenum (Mo)	NMT 0.020 ppm
Nickel (Ni)	NMT 0.100 ppm
Potassium (K)	NMT 0.100 ppm
Sodium (Na)	NMT 0.500 ppm
Strontium (Sr)	NMT 0.020 ppm

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.

For queries on this Specifications, please contact our technical team at technical@pure-synth.com

Sulfur (S)	NMT 5 ppm
Thallium (Tl)	NMT 0.050 ppm
Titanium (Ti)	NMT 0.100 ppm
Vanadium (V)	NMT 0.050 ppm
Zinc (Zn)	NMT 0.100 ppm
Zirconium (Zr)	NMT 0.100 ppm

Specification: PR-1.0-QA/627, Ver. 1.1, 29.05.2026

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