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Product Specification

Product Name:
Bromine – ACS reagent, ≥99.5%

Product Number: 277576
CAS Number: 7726-95-6
MDL: MFCD00010896
Formula: Br₂
Formula Weight: 159.81 g/mol



TEST	Specification
Appearance (Color)	Dark Red to Very Dark Red and Red-Brown and Very Dark Red-Brown
Appearance (Form)	Liquid
Heavy Metal (as Pb)	≤ 2 ppm
Assay Iodine	≤ 0.001 %
Nickel (Ni)	≤ 5 ppm
Sulfur compounds (as S)	≤ 0.001 %
Titration by Na ₂ S ₂ O ₃	≥ 99.50 %
Residue on Evaporation	≤ 0.005 %
Free Chlorine	≤ 0.05 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.1.ZQ5.10000034513

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.