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Product Specification

Product Name:
Bromine – ≥99.99% trace metals basis

Product Number: 470864
CAS Number: 7726-95-6
MDL: MFCD00010896
Formula: Br₂
Formula Weight: 159.81 g/mol



TEST	Specification
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Appearance (Color)	Dark Red to Very Dark Red and Red-Brown and Very Dark Red-Brown
Appearance (Form)	Liquid
Heavy Metals (as Lead)	≤ 2 ppm
Assay	≤ 0.001 %
Iodine	
Nickel (Ni)	≤ 5 ppm
Sulfur compounds	≤ 0.001 %
Trace Metal Analysis	≤ 100.0 ppm
Total Metallic Impurities	
Purity	Meets Requirements
> = 99.99% Purity Based on Trace Metals Analysis	
Titration by Na ₂ S ₂ O ₃	≥ 99.5 %
Residue on Evaporation	≤ 0.005 %
Free Chlorine	≤ 0.05 %

Specification: PRD.2.ZQ5.10000009015

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.