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Certificate of Analysis

Product Name:

Mercury(II) iodide - ACS reagent, ≥99.0%



Product Number: 221090
Lot Number: SLBB0192V
Brand: SIAL
CAS Number: 7774-29-0
MDL Number: MFCD00011044
Formula: HgI₂
Formula Weight: 454.4 g/mol
Quality Release Date: 24 OCT 2011

Test	Specification	Result
Appearance (Color)	Orange to Dark Red	Red
Appearance (Form)	Powder	Powder
Solubility	Pass	Pass
In Potassium Iodide solutions		
Identity	Confirmed	Conforms
Confirms Hg		
Titration by Potassium Iodate	≥ 99.0 %	101.9 %
% HgI ₂		
Mercurous Mercury	≤ 0.1 %	< 0.1 %
Soluble Mercury Salts	≤ 0.05 %	< 0.05 %



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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.