

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-04 14:17:25  
 Date of Next Testing: 2029-06-03 14:17:25  
 Product Name: **Mercury(II) iodide red**  
 CAS Number: 7774-29-0  
 Specifications & Purity: puriss. p.a., ACS, ≥99%(RT), red  
 Lot #: E2625147  
 SKU #: **M433990**  
 Version: **1**  
 Analysis #: **717464**  
 Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Assay(dry basis)	99-101 (%)	99.99960 %
Mercurous mercury (as Hg)	0-0.1 (%)	0.03000 %
Soluble mercury salts (as Hg)	0-0.05 (%)	0.01000 %
Calcium(Ca)	0-10 (ppm)	4.50000 ppm
Cadmium(Cd)	0-5 (ppm)	0.20000 ppm
Cobalt(Co)	0-5 (ppm)	0.10000 ppm
Chromium(Cr)	0-5 (ppm)	0.10000 ppm
Copper(Cu)	0-5 (ppm)	0.20000 ppm
Iron(Fe)	0-20 (ppm)	0.00000 ppm
Potassium(K)	0-50 (ppm)	2.00000 ppm
Magnesium(Mg)	0-5 (ppm)	0.30000 ppm
Manganese(Mn)	0-5 (ppm)	0.10000 ppm
Sodium(Na)	0-50 (ppm)	1.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.10000 ppm
Lead(Pb)	0-5 (ppm)	0.20000 ppm
Zinc(Zn)	0-5 (ppm)	0.20000 ppm
Appearance(M433990)	Orange to Dark Orange to Dark Red Powder	Orange to Dark Orange to Dark Red Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager