

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-01-30 09:59:23
Date of Next Testing:	2027-01-29 09:59:23
Product Name:	Mercury(II) iodide red
CAS Number:	7774-29-0
Specifications & Purity:	puriss. p.a., ACS reagent, red, ≥99.0% (RT)
Lot #:	A2422083
SKU #	M433990
Analysis:	305679
Storage Temperature:	Protected from light

Parameter	Limit Values	Result
Mercurous mercury (as Hg)	0-0.1 (%)	0.00000 %
Calcium(Ca)	0-10 (ppm)	0.01 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-20 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	0.00 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-5 (ppm)	0.00 ppm
Zinc(Zn)	0-5 (ppm)	0.00 ppm
Assay(dry basis)	99-101 (%)	100.95 %
Soluble mercury salts (as Hg)	0-0.05 (%)	0.05000 %
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