

## Certificate of Analysis

Date of Testing:	2024-01-30 09:44:14
Date of Next Testing:	2027-01-29 09:44:14
Product Name:	<b>Mercury(II) iodide red</b>
CAS Number:	7774-29-0
Specifications & Purity:	puriss. p.a., ACS reagent, red, ≥99.0% (RT)
Lot #:	A2422080
SKU #	<b>M433990</b>
<b>Analysis:</b>	<b>305679</b>
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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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager