

Certificate of Analysis

Date of Testing: 2025-04-14 16:50:52

Date of Next Testing: 2028-04-13 16:50:52

Product Name: **Lead(II) iodide**

CAS Number: 10101-63-0

Specifications & Purity: PrimorTrace™, ≥99.999% metals basis, perovskite grade

Lot #: D2511644

SKU #: **L431230**

Version: **2**

Analysis #: **492475**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Purity Based on Trace Metals Impurities	99.999-102.5 (%)	100.00 %
Complexiometric EDTA (% Pb)	44.1-45.8 (%)	44.25000 %
Turbidity 1M solution in DMF	0-12.5 (NTU)	10.00000 NTU
Total Metallic Impurities	0-15 (ppm)	6.00000 ppm
Appearance(L431230)	Yellow to light brown to very dark brown to very dark orange powder or beads	Yellow to light brown to very dark brown to very dark orange powder or beads
Solubility (Color), Very Faint Green- Yellow to Green- Yellow to Yellow	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
ICP: Confirms Lead Component	Confirmed	Confirmed



John Su
QA & QC Manager