

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-22 17:58:11  
 Date of Next Testing: 2029-06-21 17:58:11  
 Product Name: **Lead(II) iodide**  
 CAS Number: 10101-63-0  
 Specifications & Purity: PrimorTrace™, ≥99.999% metals basis, perovskite grade  
 Lot #: F2616382  
 SKU #: **L431230**  
 Version: **2**  
 Analysis #: **718838**  
 Storage Temperature: Protected from light, Room temperature, Argon charged

| Parameter                                                             | Limit Values                                                                 | Result                                                                       |
|-----------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Purity Based on Trace Metals Impurities                               | 99.999-102.5 (%)                                                             | 99.99920 %                                                                   |
| Total Metallic Impurities                                             | 0-15 (ppm)                                                                   | 8.00000 ppm                                                                  |
| Complexiometric EDTA (% Pb)                                           | 44.1-45.8 (%)                                                                | 44.50000 %                                                                   |
| Turbidity 1M solution in DMF                                          | 0-12.5 (NTU)                                                                 | 10.00000 NTU                                                                 |
| 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