

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-10 14:18:46
Date of Next Testing: 2026-06-30 14:18:46
Product Name: **Potassium iodide**
CAS Number: 7681-11-0
Specifications & Purity: Analytical Reagent, ≥99.0%
Lot #: G2404467
SKU #: **P116279**
Version: **1**
Analysis #: **386201**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|------------------------------|---------------------------------------|---------------------------------------|
| Barium(Ba) | 0-0.002 (%) | 0.00 % |
| Calcium(Ca) | 0-0.002 (%) | 0.00 % |
| Sodium(Na) | 0-0.1 (%) | 0.06 % |
| Sulfate(SO42-) | 0-0.005 (%) | 0.00 % |
| Iron(Fe) | 0-3 (ppm) | 0.00 ppm |
| Heavy metal (as Pb) | 0-0.0005 (%) | 0.00 % |
| Magnesium(Mg) | 0-0.002 (%) | 0.00 % |
| Phosphate(PO4) | 0-0.002 (%) | 0.00 % |
| Assay | 98.5-100 (%) | 99.21 % |
| Insoluble matter in H2O | 0-0.01 (%) | 0.00 % |
| Chloride and Bromide(As Cl-) | 0-0.02 (%) | 0.00 % |
| PH(5% in water,25°C) | 6-8 | 6.88 |
| Arsenic(As) | 0-0.2 (ppm) | 0.00000 ppm |
| Appearance (P116279) | Colorless or White Powder or Crystals | Colorless or White Powder or Crystals |
| Iodate and iodine(IO3) | Pass | Pass |
| Reducing Substances | pass | Pass |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



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

John Su
QA & QC Manager