

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-27 17:07:14

Date of Next Testing: 2024-06-16 17:07:14

Product Name: **Potassium iodate**

CAS Number: 7758-05-6

Specifications & Purity: Premium-Grade Reagents, ≥99.8%

Lot #: F2223350

SKU #: **P116286**

Version: **0**

Analysis #: **098026**

Storage Temperature: Room temperature

| Parameter                    | Limit Values          | Result                |
|------------------------------|-----------------------|-----------------------|
| Sulfate(SO42-)               | 0-0.01 (%)            | 0.00500 %             |
| Total Nitrogen               | 0-0.003 (%)           | 0.00100 %             |
| Assay                        | 99.8-102.5 (%)        | 100.71000 %           |
| Loss on drying               | 0-0.1 (%)             | 0.04300 %             |
| Sodium(Na)                   | 0-0.02 (%)            | 0.01000 %             |
| Heavy metal (as Pb)          | 0-0.001 (%)           | 0.00051 %             |
| Chloride and Bromide(As Cl-) | 0-0.02 (%)            | 0.01000 %             |
| Iodide (I-)                  | 0-0.002 (%)           | 0.00100 %             |
| Iron(Fe)                     | 0-0.0005 (%)          | 0.00030 %             |
| PH(5% in water,25°C)         | 5-7                   | 6.00000               |
| Insoluble matter in H2O      | 0-0.005 (%)           | 0.00200 %             |
| X-Ray Diffraction            | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager