

Certificate of Analysis

Date of Testing: 2023-10-20 15:21:31

Date of Next Testing: 2027-10-19 15:21:31

Product Name: **Caesium sulfate**

CAS Number: 10294-54-9

Specifications & Purity: Analytical Reagent,99.5%

Lot #: J2318307

SKU #: **C105054**

Analysis: **288803**

Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|----------------------------------|------------------------|------------------------|
| Chromium(Cr) | 0-5 (ppm) | 0.63 ppm |
| Iron(Fe) | 0-5 (ppm) | 0.12 ppm |
| Manganese(Mn) | 0-5 (ppm) | 0.47 ppm |
| Nickel(Ni) | 0-5 (ppm) | 0.28 ppm |
| Purity(Neutralization titration) | 99.5-100.5 (%) | 99.99% |
| (Pb)Lead | 0-5 (ppm) | 0.10 ppm |
| Copper(Cu) | 0-5 (ppm) | 0.69 ppm |
| Sodium(Na) | 0-200 (ppm) | 100.00 ppm |
| Zinc(Zn) | 0-5 (ppm) | 1.50 ppm |
| Magnesium(Mg) | 0-5 (ppm) | 2.13 ppm |
| Chloride (Cl-) | 0-20 (ppm) | 12.71 ppm |
| Cadmium(Cd) | 0-5 (ppm) | 2.30 ppm |
| Cobalt(Co) | 0-5 (ppm) | 2.50 ppm |
| Potassium(K) | 0-200 (ppm) | 100.00 ppm |
| Appearance (C105054) | White Powder or Chunks | White Powder or Chunks |
| Solubility in H2O | Almost transparency | almost transparency |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager