

## Certificate of Analysis

Date of Testing: 2024-12-10 10:45:20  
Date of Next Testing: 2028-12-09 10:45:20  
Product Name: **Caesium nitrate**  
CAS Number: 7789-18-6  
Specifications & Purity: AR, ≥99%  
Lot #: L2403207  
SKU #: **C103961**  
Version: **0**  
Analysis #: **440542**  
Storage Temperature: Room temperature, Desiccated

| Parameter            | Limit Values                                      | Result  |
|----------------------|---|---|
| Cadmium(Cd)          | 0-50 (ppm)  | 0.00 ppm  |
| Nickel(Ni)           | 0-50 (ppm)  | 0.00 ppm  |
| Iron(Fe)             | 0-50 (ppm)  | 0.00 ppm  |
| Cobalt(Co)           | 0-50 (ppm)  | 0.00 ppm  |
| (Pb)Lead             | 0-50 (ppm)  | 0.00 ppm  |
| Copper(Cu)           | 0-50 (ppm)  | 0.00 ppm  |
| Purity               | 98.5-101.5 (%)                                    | 100.00 %  |
| Calcium(Ca)          | 0-50 (ppm)  | 0.00 ppm  |
| Zinc(Zn)             | 0-50 (ppm)  | 0.00 ppm  |
| Chloride (Cl-)       | 0-300 (ppm)                                       | 1.26 ppm  |
| Sulfate(SO42-)       | 0-50 (ppm)  | 0.51 ppm  |
| Potassium(K)         | 0-100 (ppm)                                       | 9.00 ppm  |
| Sodium(Na)           | 0-100 (ppm)                                       | 10.00 ppm   |
| Appearance (C103961) | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| X-Ray Diffraction    | Conforms to Structure                             | Conforms to Structure                             |



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager