

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-18 14:32:58

Date of Next Testing: 2026-01-17 14:32:58

Product Name: **Cadmium nitrate tetrahydrate**

CAS Number: 10022-68-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: A2215331

SKU #: **C118494**

Version: **0**

Analysis #: **067926**

Storage Temperature: Room temperature, Desiccated

| Parameter                                       | Limit Values                         | Result                               |
|-------------------------------------------------|--------------------------------------|--------------------------------------|
| Purity(Based on Trace Metals Impurities of ICP) | 99.99-100 (%)                        | 99.99920 %                           |
| Total Metallic Impurity                         | 0-200 (ppm)                          | 80.00000 ppm                         |
| Cd by complexometric titration                  | 35.3-37.6 (%)                        | 36.25000 %                           |
| Water by Karl Fischer                           | 20-25 (%)                            | 22.90800 %                           |
| Appearance (C118494)                            | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| ICP:Confirms Hafnium Component                  | Confirmed                            | Confirmed                            |
| X-Ray Diffraction                               | Conforms to Structure                | Conforms to Structure                |



John Su  
QA & QC Manager