

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-18 11:30:43  
 Date of Next Testing: 2029-07-17 11:30:43  
 Product Name: **Cadmium acetate dihydrate**  
 CAS Number: 5743-04-4  
 Specifications & Purity: AR  
 Lot #: G2508375  
 SKU #: **C111619**  
 Version: **1**  
 Analysis #: **485436**  
 Storage Temperature: Room temperature

| Parameter                                       | Limit Values             | Result                   |
|-------------------------------------------------|--------------------------|--------------------------|
| Insoluble matter in H2O                         | 0-0.003 (%)              | 0.00000 %                |
| Chloride (Cl-)                                  | 0-0.002 (%)              | 0.00010 %                |
| (Pb)Lead                                        | 0-0.003 (%)              | 0.00000 %                |
| Sulfate(SO42-)                                  | 0-0.005 (%)              | 0.00236 %                |
| Total Nitrogen                                  | 0-0.002 (%)              | 0.00010 %                |
| Aluminum(Al)                                    | 0-0.005 (%)              | 0.00000 %                |
| Iron(Fe)                                        | 0-0.0005 (%)             | 0.00000 %                |
| Substances not precipitated by ammonium sulfide | 0-0.05 (%)               | 0.02000 %                |
| Copper(Cu)                                      | 0-0.0005 (%)             | 0.00000 %                |
| Assay                                           | 99.5-100.5 (%)           | 99.99980 %               |
| Zinc(Zn)                                        | 0-0.002 (%)              | 0.00012 %                |
| Loss on drying(130°C)                           | 12-15 (%)                | 13.94000 %               |
| Appearance (C111619)                            | White Powder or Crystals | White Powder or Crystals |
| Clarity of solution                             | pass                     | Pass                     |
| ICP:Confirms Cd Component                       | Confirmed                | Confirmed                |
| 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