

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-13 14:57:00  
 Date of Next Testing: 2027-09-03 14:57:00  
 Product Name: **Cadmium oxide**  
 CAS Number: 1306-19-0  
 Specifications & Purity: AR, ≥99%  
 Lot #: I2509266  
 SKU #: **C100162**  
 Version: **1**  
 Analysis #: **565594**  
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                       | Limit Values                    | Result                          |
|-------------------------------------------------|---------------------------------|---------------------------------|
| Cd(Complexometric EDTA)                         | 85.8-89.3 (%)                   | 86.03000 %                      |
| Iron(Fe)                                        | 0-0.005 (%)                     | 0.00000 %                       |
| Insoluble matter in hydrochloric                | 0-0.01 (%)                      | 0.00000 %                       |
| Zinc(Zn)                                        | 0-0.005 (%)                     | 0.00000 %                       |
| Assay                                           | 99-100 (%)                      | 99.99780 %                      |
| Substances not precipitated by hydrogen sulfide | 0-0.4 (%)                       | 0.30000 %                       |
| Appearance (C100162)                            | Brown, Red-Brown or Rust Powder | Brown, Red-Brown or Rust Powder |
| Clarity of solution                             | pass                            | Pass                            |
| X-Ray Diffraction                               | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager