

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-12 13:52:10

Date of Next Testing: 2026-06-02 13:52:10

Product Name: **Cadmium oxide**

CAS Number: 1306-19-0

Specifications & Purity: AR, ≥99%

Lot #: I2202207

SKU # **C100162**

Version **1**

Analysis #: **366716**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Cd(Complexometric EDTA)	85.8-89.3 (%)	86.50000 %
Iron(Fe)	0-0.005 (%)	0.00230 %
Insoluble matter in hydrochloric	0-0.01 (%)	0.00200 %
Zinc(Zn)	0-0.005 (%)	0.00100 %
Substances not precipitated by hydrogen sulfide	0-0.4 (%)	0.15000 %
Assay	99-100 (%)	99.99000 %
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