

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-24 17:30:37

Date of Next Testing: 2024-02-14 17:30:37

Product Name: **Cadmium oxide**

CAS Number: 1306-19-0

Specifications & Purity: AR, ≥99%

Lot #: B2222494

SKU #: **C100162**

Version: **1**

Analysis #: **077781**

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

Parameter	Limit Values	Result
Cd(Complexometric EDTA)	85.8-89.3 (%)	86.00000 %
Iron(Fe)	0-0.005 (%)	0.00100 %
Insoluble matter in hydrochloric	0-0.01 (%)	0.01000 %
Zinc(Zn)	0-0.005 (%)	0.00240 %
Substances not precipitated by hydrogen sulfide	0-0.4 (%)	0.18700 %
Assay	99-100 (%)	99.99010 %
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