

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-07 14:53:08
 Date of Next Testing: 2024-08-27 14:53:08
 Product Name: **Cadmium oxide**
 CAS Number: 1306-19-0
 Specifications & Purity: AR, ≥99%
 Lot #: I2202208
 SKU #: **C100162**
 Version: **1**
 Analysis #: **132145**
 Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Cd(Complexometric EDTA)	85.8-89.3 (%)	86.52000 %
Iron(Fe)	0-0.005 (%)	0.00250 %
Insoluble matter in hydrochloric	0-0.01 (%)	0.00210 %
Zinc(Zn)	0-0.005 (%)	0.00200 %
Substances not precipitated by hydrogen sulfide	0-0.4 (%)	0.19000 %
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