

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-16 13:27:02

Date of Next Testing: 2026-12-16 13:27:02

Product Name: **Cadmium hydroxide**

CAS Number: 21041-95-2

Specifications & Purity: Cd ≥75%

Lot #: C2314564

SKU #: **C112498**

Version: **0**

Analysis #: **449796**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Insoluble matter in HCl	0-0.01 (%)	0.00780 %
Cadmium(Cd)	75-100 (%)	75.01000 %
Total Nitrogen	0-0.1 (%)	0.09780 %
Iron(Fe)	0-0.005 (ppm)	0.00316 ppm
Alkali and alkalierath metals	0-0.5 (%)	0.04780 %
Copper(Cu)	0-0.004 (%)	0.00298 %
Sulfate(SO42-)	0-0.01 (%)	0.00975 %
Lead(Pb)	0-0.005 (%)	0.00340 %
Zinc(Zn)	0-0.025 (%)	0.02340 %
Appearance (C112498)	White powder	White powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager