

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-24 10:43:04

Date of Next Testing: 2028-12-23 10:43:04

Product Name: **Cadmium nitrate tetrahydrate**

CAS Number: 10022-68-1

Specifications & Purity: PrimorTrace™, ≥99.99% metals basis

Lot #: L2423560

SKU #: **C118494**

Version: **0**

Analysis #: **135169**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(Based on Trace Metals Impurities of ICP)	99.99-100 (%)	99.99920 %
Total Metallic Impurity	0-200 (ppm)	8.00000 ppm
Cd by complexometric titration	35.3-37.6 (%)	36.50000 %
Water by Karl Fischer	20-25 (%)	21.50000 %
Appearance (C118494)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
ICP:Confirms Hafnium Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager