

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 16:45:45
 Date of Next Testing: 2029-09-22 16:45:45
 Product Name: **Cadmium chloride hemi(pentahydrate)**
 CAS Number: 7790-78-5
 Specifications & Purity: ACS, 79.5-81.0%
 Lot #: B1828038
 SKU #: **C116343**
 Version: **0**
 Analysis #: **576898**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.09800 ppm
Nitrate and Nitrite(as NO ₃ -)	0-0.003 (%)	0.00100 %
Water by Karl Fischer	19-21 (%)	19.49800 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00100 %
Calcium(Ca)	0-0.005 (%)	0.00296 %
Zinc(Zn)	0-0.05 (%)	0.02000 %
Sulfate(SO ₄ 2-)	0-0.005 (%)	0.00020 %
Sodium(Na)	0-0.05 (%)	0.00368 %
Purity(Titration by AgNO ₃ , CdCl ₂)	79.5-81 (%)	80.07800 %
Copper(Cu)	0-5 (ppm)	0.11800 ppm
Lead(Pb)	0-0.005 (%)	0.00100 %
Ammonia (NH ₄)	0-0.005 (%)	0.00298 %
Potassium(K)	0-0.02 (%)	0.00168 %
Appearance (C116343)	White Powder and Chunks	White Powder and Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager