

Certificate of Analysis

Date of Testing:	2022-11-26 17:26:38
Date of Next Testing:	2026-11-25 17:26:38
Product Name:	Cadmium chloride hemi(pentahydrate)
CAS Number:	7790-78-5
Specifications & Purity:	ACS, 79.5-81.0%
Lot #:	K2223097
SKU #	C116343
Analysis:	109021
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	1.02 ppm
Nitrate and Nitrite(as NO ₃ -)	0-0.003 (%)	0.00 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Zinc(Zn)	0-0.05 (%)	0.00 %
Sulfate(SO ₄ 2-)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.05 (%)	0.00 %
Copper(Cu)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-0.005 (%)	0.00 %
Ammonia (NH ₄)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.02 (%)	0.00 %
Water by Karl Fischer	19-21 (%)	19.25 %
Purity(Titration by AgNO ₃ , CdCl ₂)	79.5-81 (%)	80.99 %
Appearance (C116343)	White Powder and Chunks	White Powder and Chunks
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager