

Certificate of Analysis

Date of Testing: 2022-10-22 14:29:37
Date of Next Testing: 2026-10-21 14:29:37
Product Name: **Cadmium chloride hemi(pentahydrate)**
CAS Number: 7790-78-5
Specifications & Purity: ACS, 79.5-81.0%
Lot #: J2210378
SKU #: **C116343**
Analysis: **109022**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Nitrate and Nitrite(as NO ₃ -)	0-0.003 (%)	0.00 %
Water by Karl Fischer	19-21 (%)	19.41 %
Insoluble matter in H ₂ O	0-0.005 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Zinc(Zn)	0-0.05 (%)	0.02 %
Sulfate(SO ₄ ²⁻)	0-0.005 (%)	0.00 %
Sodium(Na)	0-0.05 (%)	0.00 %
Purity(Titration by AgNO ₃ , CdCl ₂)	79.5-81 (%)	80.77 %
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 %
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".

John Su
QA & QC Manager