

Certificate of Analysis

Date of Testing: 2023-06-06 17:40:06
Date of Next Testing: 2027-06-05 17:40:06
Product Name: **Zinc sulfate heptahydrate**
CAS Number: 7446-20-0
Specifications & Purity: ACS, 99%
Lot #: E23301185
SKU #: **Z111855**
Analysis: **209051**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Sodium(Na)	0-0.05 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Manganese(Mn)	0-3 (ppm)	0.00 ppm
Potassium(K)	0-0.01 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Lead(Pb)	0-0.003 (%)	0.00 %
Ammonia (NH ₄)	0-0.001 (%)	0.00 %
(NO ₃)Nitrate	0-0.002 (%)	0.00 %
Purity Titration by EDTA	99-103 (%)	101.18 %
PH(5% in water,25°C)	4.4-6	5.21
Calcium(Ca)	0-0.005 (%)	0.00 %
Insoluble matter: (10% in H ₂ O)	0-0.01 (%)	0.00 %
Chloride (Cl ⁻)	0-5 (ppm)	0.01 ppm
Loss on drying(300°C,2h)	40-46(%)	45.16890 %
Appearance (Z111855)	white crystals or chunks	white crystals or chunks
X-Ray Diffraction(After drying an 300°C)	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