

Certificate of Analysis

Date of Testing: 2024-05-16 15:02:28
Date of Next Testing: 2028-05-15 15:02:28
Product Name: **Zinc sulfate heptahydrate**
CAS Number: 7446-20-0
Specifications & Purity: ACS, 99%
Lot #: E2409420
SKU #: **Z111855**
Version: **1**
Analysis #: **349333**
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 (%)	101.66 %
PH(5% in water,25°C)	4.4-6	5.22
Calcium(Ca)	0-0.005 (%)	0.00 %
Insoluble matter: (10% in H ₂ O)	0-0.01 (%)	0.00 %
Chloride (Cl ⁻)	0-5 (ppm)	0.00 ppm
Loss on drying(300°C,2h)	40-46(%)	43.27390 %
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".

John Su
QA & QC Manager