

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-19 18:22:06

Date of Next Testing: 2029-06-18 18:22:06

Product Name: **Zinc sulfate heptahydrate**

CAS Number: 7446-20-0

Specifications & Purity: ACS, ≥99%

Lot #: F2518640

SKU #: **Z111855**

Version: **1**

Analysis #: **380344**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Loss on drying(300°C,2h)	40-46(%)	43.80000 %
Purity Titration by EDTA	99-103 (%)	99.15000 %
Chloride (Cl-)	0-5 (ppm)	4.30000 ppm
Insoluble matter: (10% in H2O)	0-0.01 (%)	0.00940 %
PH(5% in water,25°C)	4.4-6	5.10000
Calcium(Ca)	0-0.005 (%)	0.00490 %
(NO3)Nitrate	0-0.002 (%)	0.00150 %
Ammonia (NH4)	0-0.001 (%)	0.00100 %
Lead(Pb)	0-0.003 (%)	0.00290 %
Magnesium(Mg)	0-0.005 (%)	0.00480 %
Potassium(K)	0-0.01 (%)	0.00530 %
Manganese(Mn)	0-3 (ppm)	1.95000 ppm
Iron(Fe)	0-0.001 (%)	0.00094 %
Sodium(Na)	0-0.05 (%)	0.04600 %
Appearance (Z111855)	white crystals or chunks	white crystals or chunks
X-Ray Diffraction(After drying an 300°C)	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