

ALADDIN SCIENTIFIC CORPORATION  
 14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-09 10:04:14  
 Date of Next Testing: 2029-07-08 10:04:14  
 Product Name: **Zinc sulfate heptahydrate**  
 CAS Number: 7446-20-0  
 Specifications & Purity: ACS, ≥99%  
 Lot #: G2504618  
 SKU #: **Z111855**  
 Version: **1**  
 Analysis #: **531247**  
 Storage Temperature: Room temperature,Argon charged,Desiccated,Cool

Parameter	Limit Values	Result
Sodium(Na)	0-0.05 (%)	0.00070 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Manganese(Mn)	0-3 (ppm)	0.00000 ppm
Potassium(K)	0-0.01 (%)	0.00060 %
Magnesium(Mg)	0-0.005 (%)	0.00000 %
Lead(Pb)	0-0.003 (%)	0.00000 %
Purity Titration by EDTA	99-103 (%)	100.95000 %
PH(5% in water,25°C)	4.4-6	5.51000
Calcium(Ca)	0-0.005 (%)	0.00000 %
Insoluble matter: (10% in H2O)	0-0.01 (%)	0.00000 %
Loss on drying(300°C,2h)	40-46(%)	43.24510 %
(NO3)Nitrate	0-0.002 (%)	0.00000 %
Ammonia (NH4)	0-0.001 (%)	0.00100 %
Chloride (Cl-)	0-5 (ppm)	0.00000 ppm
Appearance (Z111855)	white crystals or chunks	white crystals or chunks
X-Ray Diffraction(After drying an 300°C)	Conforms to structure	Conforms to Structure



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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