

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2026-04-28 14:12:07  
Date of Next Testing: 2029-04-27 14:12:07  
Product Name: **Zinc sulfide**  
CAS Number: 1314-98-3  
Specifications & Purity: purum, ≥97%  
Lot #: D2627415  
SKU #: **Z431850**  
Version: **1**  
Analysis #: **694938**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Assay(Titration by EDTA)	96.5-103.5 (%)	100.34000 %
Loss on drying	0-0.5 (%)	0.07540 %
Barium(Ba)	0-1.5 (%)	0.00210 %
Calcium(Ca)	0-200 (ppm)	124.00000 ppm
Cobalt(Co)	0-500 (ppm)	216.00000 ppm
Iron(Fe)	0-100 (ppm)	78.00000 ppm
Magnesium(Mg)	0-500 (ppm)	144.00000 ppm
Appearance(Z431850)	White to Faint Yellow Powder or Crystals	White to Faint Yellow Powder or Crystals
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager