

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-07 16:32:10
 Date of Next Testing: 2029-01-06 16:32:10
 Product Name: **Zinc sulfate monohydrate**
 CAS Number: 7446-19-7
 Specifications & Purity: PharmPure™, USP, Ph.Eur.
 Lot #: GMA2606281
 SKU #: **Z774739**
 Version: **1**
 Analysis #: **696892**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Complexometric EDTA)	99-100.5 (%)	99.81000 %
pH-value (5 %; water)	4.0-5.6	5.26000
Chloride (Cl-)	0-0.03 (%)	0.00730 %
Arsenic(As)	0-14 (ppm)	0.00000 ppm
Lead(Pb)	0-20 (ppm)	1.11800 ppm
Cadmium(Cd)	0-0.0002 (%)	0.00000 %
Chromium(Cr)	0-0.0005 (%)	0.00027 %
Mercury(ICP)	0-0.0005 (%)	0.00000 %
Nickel(Ni)	0-0.0005 (%)	0.00016 %
Iron(Fe)	0-0.01 (%)	0.00440 %
Selenium(Se)	0-0.003 (%)	0.00000 %
Titanium(Ti)	0-0.001 (%)	0.00001 %
Alkalies and Alkaline Earths	0-0.9 (%)	0.38000 %
Loss on drying(105°C)	0-1 (%)	0.23000 %
Appearance(Z774739)	White or almost white, crystalline powder, or colourless, transparent crystals	White or almost white, crystalline powder, or colourless, transparent crystals
Solubility:very soluble in water, practically insoluble in ethanol (96 per cent)	Pass	Pass
Appearance of solution	Conforms	Conforms
Residual solvents (ICH Q3C)(excluded by production process)	Pass	Pass
Identity(sulfates)	Passes test	Passes test
Identity(zinc)	Passes test	Passes test



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Parameter

Limit Values

Result

Acidity

pass

Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager