

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-10-16 13:38:06
Date of Next Testing:	2027-10-16 13:38:06
Product Name:	Zinc acetate dihydrate
CAS Number:	5970-45-6
Specifications & Purity:	puriss. p.a., ACS, ≥99%(KT)
Lot #:	J2410776
SKU #	Z434660
Version	1
Analysis #:	391367

Parameter	Limit Values	Result
PH(2.5% ,25°C)	6-7	6.36
Insoluble matter	0-0.005 (%)	0.00 %
Calcium(Ca)	0-10 (ppm)	0.00 ppm
Cadmium(Cd)	0-5 (ppm)	0.00 ppm
Cobalt(Co)	0-5 (ppm)	0.00 ppm
Chromium(Cr)	0-5 (ppm)	0.00 ppm
Copper(Cu)	0-5 (ppm)	0.00 ppm
Iron(Fe)	0-5 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	2.37 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-5 (ppm)	0.00 ppm
Sodium(Na)	0-50 (ppm)	1.18 ppm
Nickel(Ni)	0-5 (ppm)	0.00 ppm
Lead(Pb)	0-5 (ppm)	0.00 ppm
Arsenic traces(MHS-AAS)	0-0.1 (ppm)	0.00 ppm
Sulfate(SO42-)	0-50 (ppm)	0.00 ppm
Chloride (Cl-)	0-5 (ppm)	0.00 ppm
Total Nitrogen	0-20 (ppm)	0.00 ppm
purity(Titration by 0.1M EDTA)	99-101 (%)	100.89000 %
Appearance(Z434660)	Colorless or White Crystals	Colorless or White Crystals
SOLUBILITY(0.5g in 10ml Water,Clear,Colorless to Very Light Green- Yellow Clear Liquid)	pass	Pass
Infrared spectrum	Conforms to Structure Conforms to Structure	



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager