

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

| | |
|--------------------------|-------------------------------|
| Date of Testing: | 2024-10-16 13:51:19 |
| Date of Next Testing: | 2027-10-16 13:51:19 |
| Product Name: | Zinc acetate dihydrate |
| CAS Number: | 5970-45-6 |
| Specifications & Purity: | puriss. p.a., ACS, ≥99%(KT) |
| Lot #: | J2410777 |
| 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 | |



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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