

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |   |
|--------------------------|---|
| Date of Testing:         | 2025-05-28 15:53:00                               |
| Date of Next Testing:    | 2028-05-27 15:53:00                               |
| Product Name:            | <b>Zinc chloride</b>                              |
| CAS Number:              | 7646-85-7   |
| Specifications & Purity: | Ph.Eur., Suitable for Analysis, ACS, Premium pure |
| Lot #:                   | E2522584  |
| SKU #                    | <b>Z433725</b>                                    |
| Version                  | <b>1</b>  |
| <b>Analysis #:</b>       | <b>505272</b>                                     |
| Storage Temperature:     | Room temperature, Argon charged                   |

| Parameter   | Limit Values                | Result                      |
|---|-----------------------------|-----------------------------|
| Assay   | 98-100.5 (%)                | 99.28 %                     |
| Nitrate(NO3)                                      | 0-0.003 (%)                 | 0.00180 %                   |
| Calcium(Ca)                                       | 0-0.001 (%)                 | 0.00 %                      |
| Cadmium(Cd)                                       | 0-0.0005 (%)                | 0.00 %                      |
| Copper(Cu)  | 0-0.001 (%)                 | 0.00 %                      |
| Iron(Fe)  | 0-0.0005 (%)                | 0.00 %                      |
| Potassium(K)                                      | 0-0.02 (%)                  | 0.00 %                      |
| Magnesium(Mg)                                     | 0-0.01 (%)                  | 0.00 %                      |
| Sodium(Na)  | 0-0.005 (%)                 | 0.00 %                      |
| Lead(Pb)  | 0-0.001 (%)                 | 0.00 %                      |
| Insoluble matter                                  | 0-0.005 (%)                 | 0.00 %                      |
| PH(10% in water)                                  | 4.6-5.5                     | 5.40                        |
| Sulfate(SO4)                                      | 0-0.002 (%)                 | 0.00190 %                   |
| Total Nitrogen                                    | 0-0.002 (%)                 | 0.00 %                      |
| Ammonium (NH4)                                    | 0-0.005 (%)                 | 0.00500 %                   |
| Appearance(Z433725)                               | White or almost white solid | White or almost white solid |
| X-Ray Diffraction                                 | Conforms to Structure       | Conforms to Structure       |
| Aluminium, Calcium, Iron, Magnesium, Heavy metals | Passes test                 | Passes test                 |
| Oxidechloride(as ZnO)                             | Pass                        | Pass                        |



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

John Su  
QA & QC Manager