

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-16 18:04:04

Date of Next Testing: 2030-01-15 18:04:04

Product Name: **Zinc stearate**

CAS Number: 557-05-1

Specifications & Purity: 10-12% Zn basis , 325 mesh

Lot #: A2613693

SKU #: **Z104438**

Version: **0**

Analysis #: **632336**

Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                         | Limit Values          | Result                |
|-----------------------------------|-----------------------|-----------------------|
| Melting point                     | 124-130 (°C)          | 124.50000 °C          |
| Loss on drying                    | 0-1 (%)               | 0.32500 %             |
| ZnO(As Residue on ignition)       | 12-15 (%)             | 13.86000 %            |
| free acid (as stearic acid)       | 0-3.5 (%)             | 1.02400 %             |
| Appearance (Z104438)              | white powder          | White powder          |
| ICP: Confirms Zinc Component      | Confirmed             | Confirmed             |
| Particle Size Measurements(≤45um) | Conforms              | Conforms              |
| Proton NMR spectrum               | Conforms to Structure | Conforms to Structure |



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