

### Certificate of Analysis

**Product: Zinc Stearate**  
**Item Number: ZISTGL**  
**Grade: Lab**  
**Lot Number: 5001471/16.1**  
**Manufacture Date: 07/14/2025**  
**Expiration Date: 06/14/2030**  
**Country of Origin: United States**

Tested Property	Specification	Analysis
Appearance	A fine, white, bulky, amorphous powder free from grittiness	Pass
Identification A: Reaction of Calcium Salts	To comply the test	Pass
Identification B: Reaction of Phosphates	To comply the test	Pass
Assay	34.0% - 40.0% of Calcium	36.67%
Solubility	Freely soluble in 3N hydrochloric acid and in 2N Nitric acid	Pass
Acidity or Alkalinity	0.3 ml of 0.1 M HCL is required	Pass
Soluble substances	0.1 ml of 0.1 M NaOH is required	Pass
Lead	NMT 2 ppm	<2
Alkalis and alkaline earths	The residue weighs NMT 10 mg	8
Arsenic	NMT 1.5 ppm	<1.5
Heavy metals	NMT 10 ppm	<10
Chloride	NMT 250 ppm	<250
Sulphate	NMT 0.6%	<0.6%
Free stearic acid	NMT 0.5%	0.21%
Loss on Drying	NMT 6.0% at 105°C	2.34%
Bulk Density	0.2 to 0.3 gm/mL	0.26

Store in a cool, dry, and well-ventilated environment.  
 CAS RN: 557-05-1

[Phone: 512-668-9918](tel:512-668-9918), [Fax: 512-886-4008](tel:512-886-4008),  
[E-mail: customer care@laballey.com](mailto:customer care@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2026 Lab Alley



### [Zinc Stearate](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

Phone: 512-668-9918, Fax: 512-886-4008,  
E-mail: [customercare@laballey.com](mailto:customercare@laballey.com),  
[www.laballey.com](http://www.laballey.com),

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2026 Lab Alley