



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-239113  
Lot Number: SAMPLE  
Product Name: 6-O-Palmitoyl-L-ascorbic acid  
CAS Number: 137-66-6  
Molecular Formula:  $C_{22}H_{38}O_7$   
Molecular Weight: 414.53

| Test             | Specification               | Result           |
|------------------|-----------------------------|------------------|
| Appearance       | White to pale yellow powder | Off-white powder |
| Assay            | $\geq 98\%$ (GC-FID)        | 99.0%            |
| Optical Rotation | +21.0 - +24.0°              | +23.1°           |
| Heavy Metals     | $\leq 10$ ppm               | Complies         |
| Loss on Drying   | $\leq 1.0\%$                | 0.3%             |
| Sulfated Ash     | $\leq 0.1\%$                | 0.06%            |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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