

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 32386
Product **6-O-Palmitoyl-L-ascorbic acid**

Lot Number 002745-20190328
L-Ascorbic acid 6-palmitate

CAS Number 137-66-6
Molecular Formula C₂₂H₃₈O₇

Molecular Weight 414.53

Appearance White or yellow white powder
Clarity & Color Whiteness matter : 88.5
Melting Point 110 - 112 °C
Heavy Metals < 4 ppm
Cation Lead : 0.01 ppm
Arsenic : 0.01 ppm
Cadmium : 0.001 ppm
Mercury : 0.001 ppm
Optical Rotation [α]_D²⁰ = 22 °
Transmission State of solution : Clear and not more than BY4
Loss on Drying 0.31%
Coliform Organisms < 30 MPN / 100g
E. Coli, Salmonella, S.Aureus Negative
Microbial Count < 10 cfu/g
Residue On Ignition 0.026%
Assay by titration 98.42% (On dried basis)
Storage Store at RT
Additional Information Identification : Positive

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager