

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32174
Lot Number	002745-20190402
Product	2-O-α-D-Glucopyranosyl-L-ascorbic acid

L-Ascorbic acid 2-glucoside

CAS Number	129499-78-1
Molecular Formula	C ₁₂ H ₁₈ O ₁₁
Molecular Weight	338.26

Appearance	White powder
Melting Point	158.6 - 160.8 °C
Heavy Metals	< 10 ppm
Cation	Arsenic (As) : < 1 ppm
pH	2.34
Optical Rotation	[α] _D ²⁰ = 187 °
Loss on Drying	0.09%
Related Substances	Free Glucose : < 0.1% Free Ascorbic acid : < 0.1%
Sulfated Ash	0.10%
Purity by HPLC	99.40%
Storage	Store at 2 - 8 °C

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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