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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2023

Re-test Date: Feb 2026

Product Name: Ascorbic Acid EP Impurity C

Identification:

Chemical Name: L-Xylo-hex-2-ulosonic acid hydrate

Synonyms : L-sorbosonic acid

CAS Number : 342385-52-8

CAT Number : CP-A25003

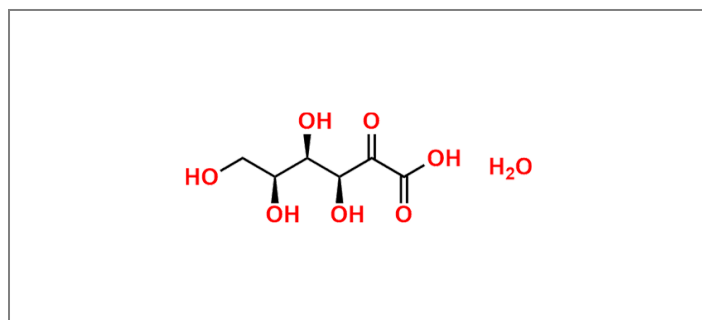
Molecular Formula : C₆H₁₀O₇ : H₂O

Molecular Weight : 194.1 : 18.0

Batch Number : CHEM-ASC-C

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White to Brown Solid
2)	Solubility	Soluble in ACN:Water (8:2), DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By NMR	98%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.