

Certificate of Analysis

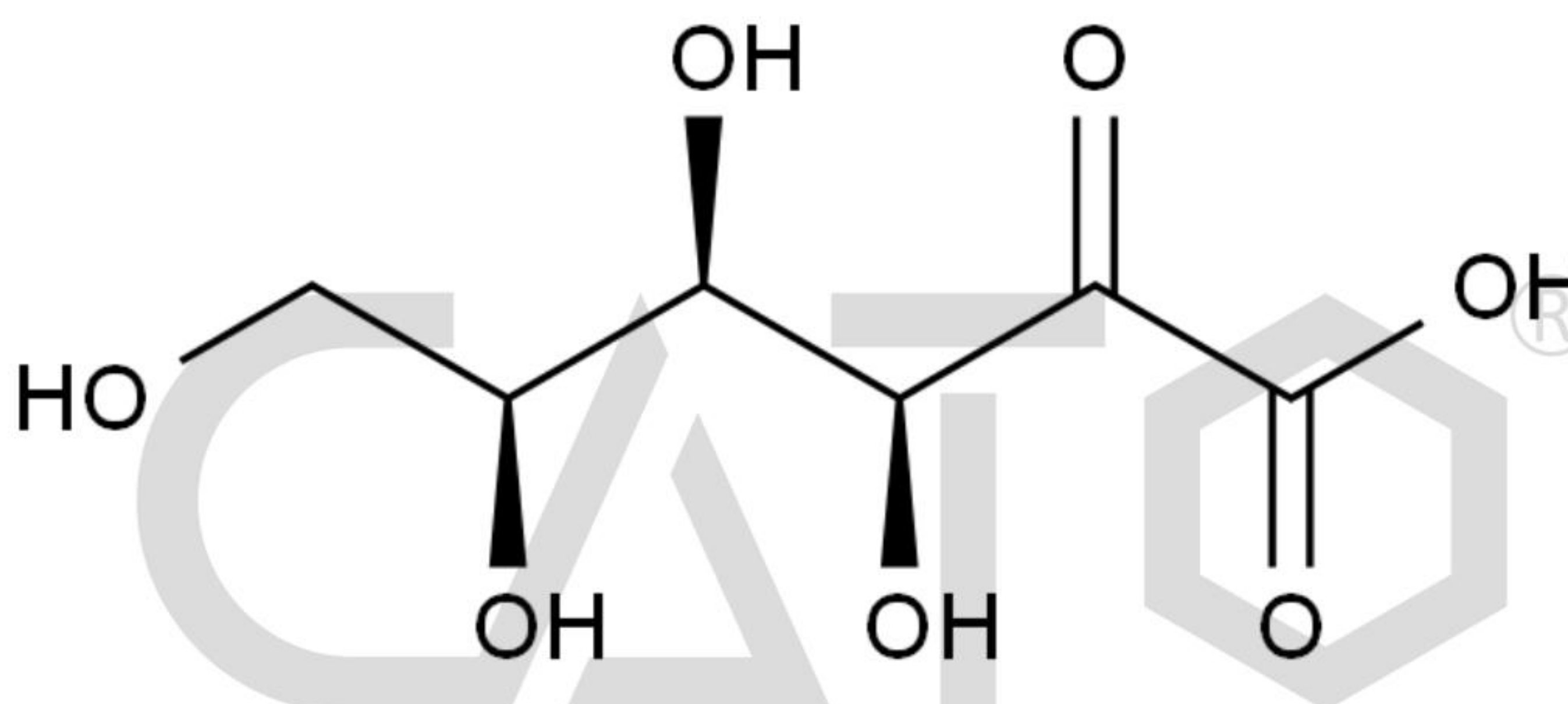
Reference Material & Standard

Product Name:	Ascorbic Acid EP Impurity C	Catalogue Number:	C4X-177931
Synonyms:	2-Keto-L-gulonic Acid	Lot Number:	1212-RF-0051
CAS Number:	526-98-7	Expiry Date:	Dec 16, 2027
Molecular Formula:	C ₆ H ₁₀ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	194.14	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	8.9812%
Assay		91.0%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

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Approved by General Manager:

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Date: Jun 26, 2026

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