

Certificate of Analysis

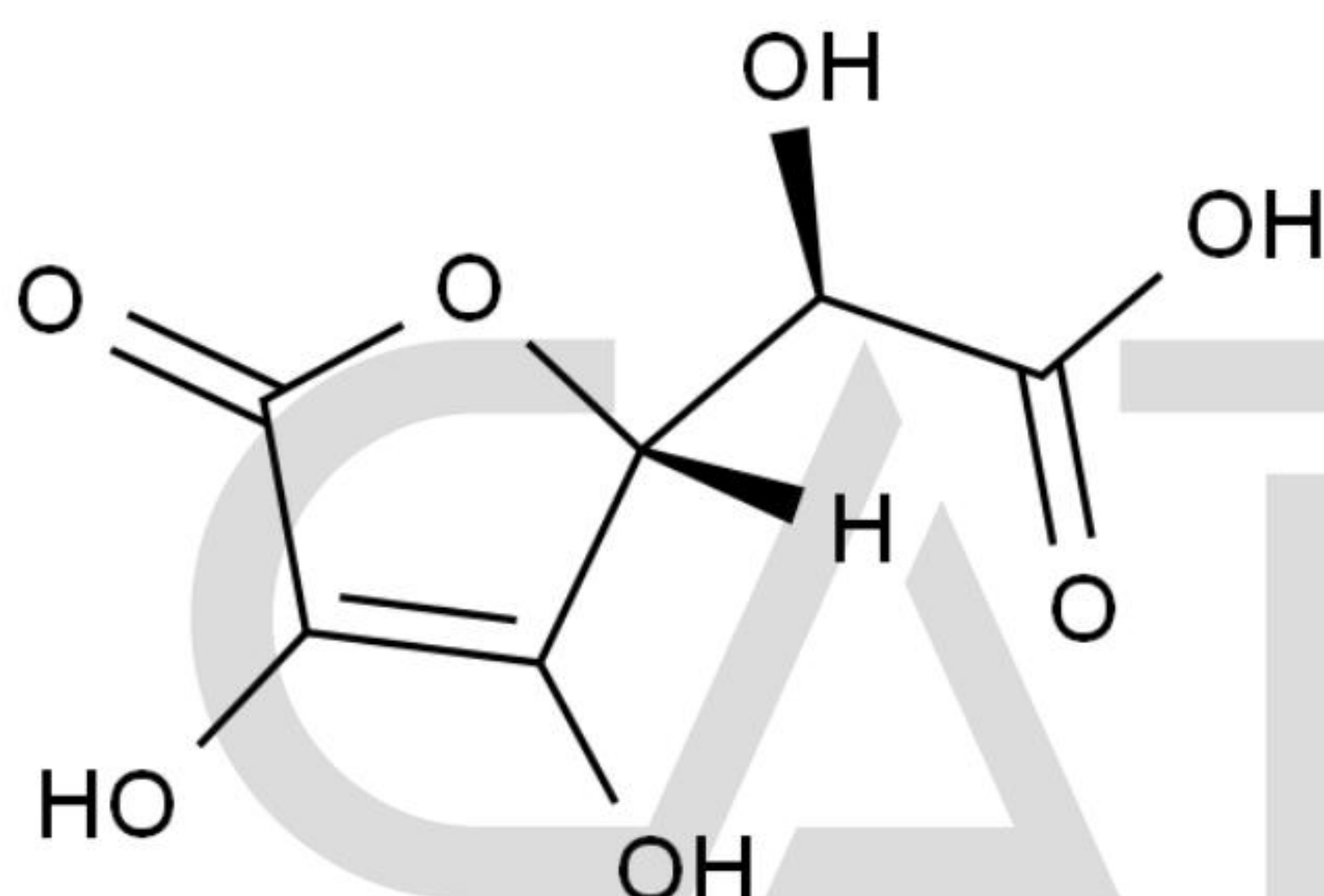
Reference Material & Standard

Product Name:	Ascorbic Acid EP Impurity G	Catalogue Number:	C4X-177925
Synonyms:	N/A	Lot Number:	0413-RH-0118
CAS Number:	66757-69-5	Expiry Date:	Apr 09, 2030
Molecular Formula:	C ₆ H ₆ O ₇	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	190.11	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.7399%
Loss on Drying	TGA	0.314%
Assay		98.4%

Comment:

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

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

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

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Apr 13, 2026

Date: Apr 14, 2026

Date: Apr 14, 2026



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