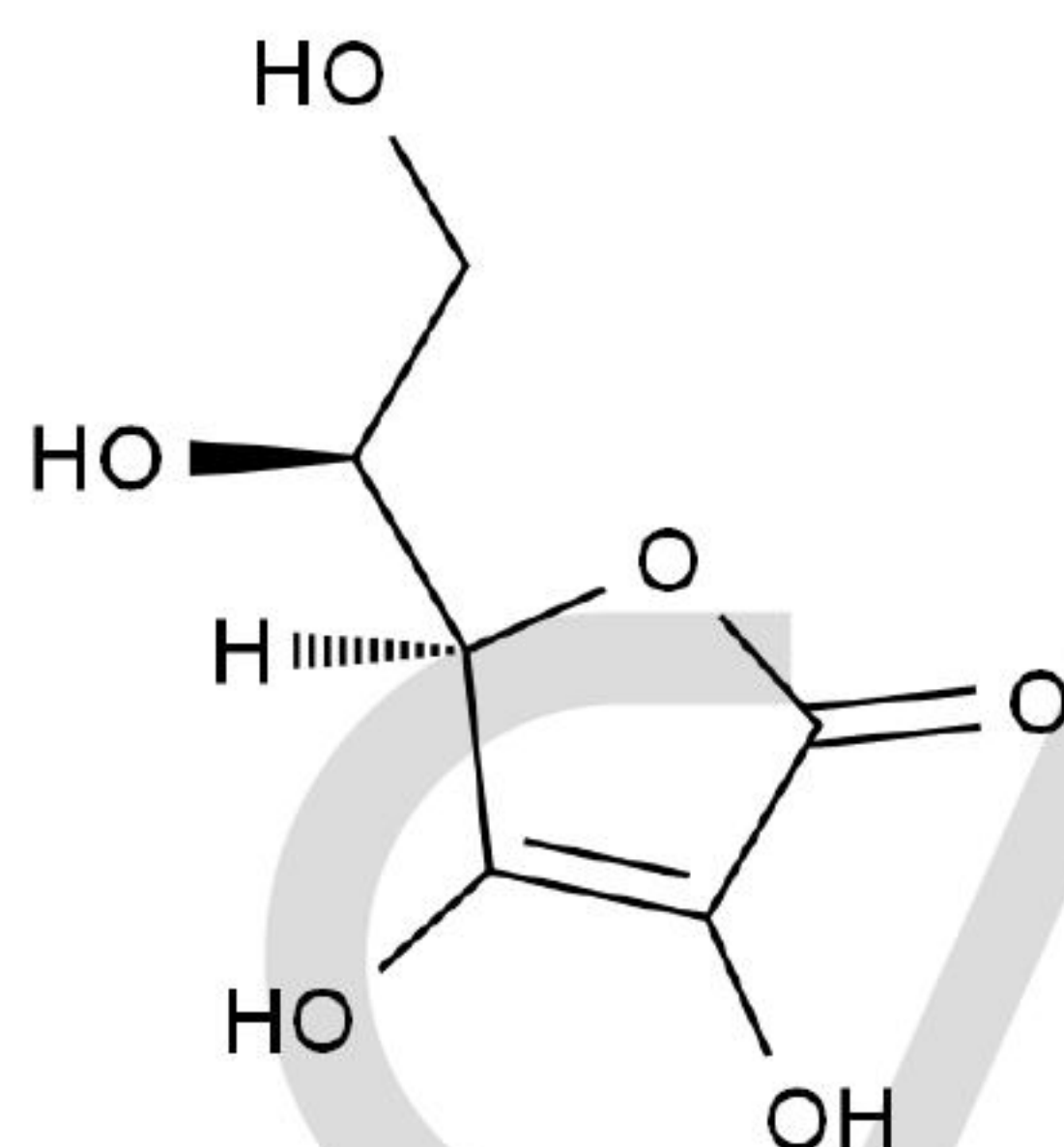


Certificate of Analysis

Reference Material & Standard

Product Name:	L-(+)-Ascorbic Acid	Catalogue Number:	C4X-177911
Synonyms:	N/A	Lot Number:	0812-RH-0018
CAS Number:	50-81-7	Expiry Date:	Aug 13, 2030
Molecular Formula:	C ₆ H ₈ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	176.12	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.1992%
Loss on Drying	TGA	0.0110%
Assay		99.8%

Comment:

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

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

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 14, 2026

Date: Aug 14, 2026

Date: Aug 14, 2026



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