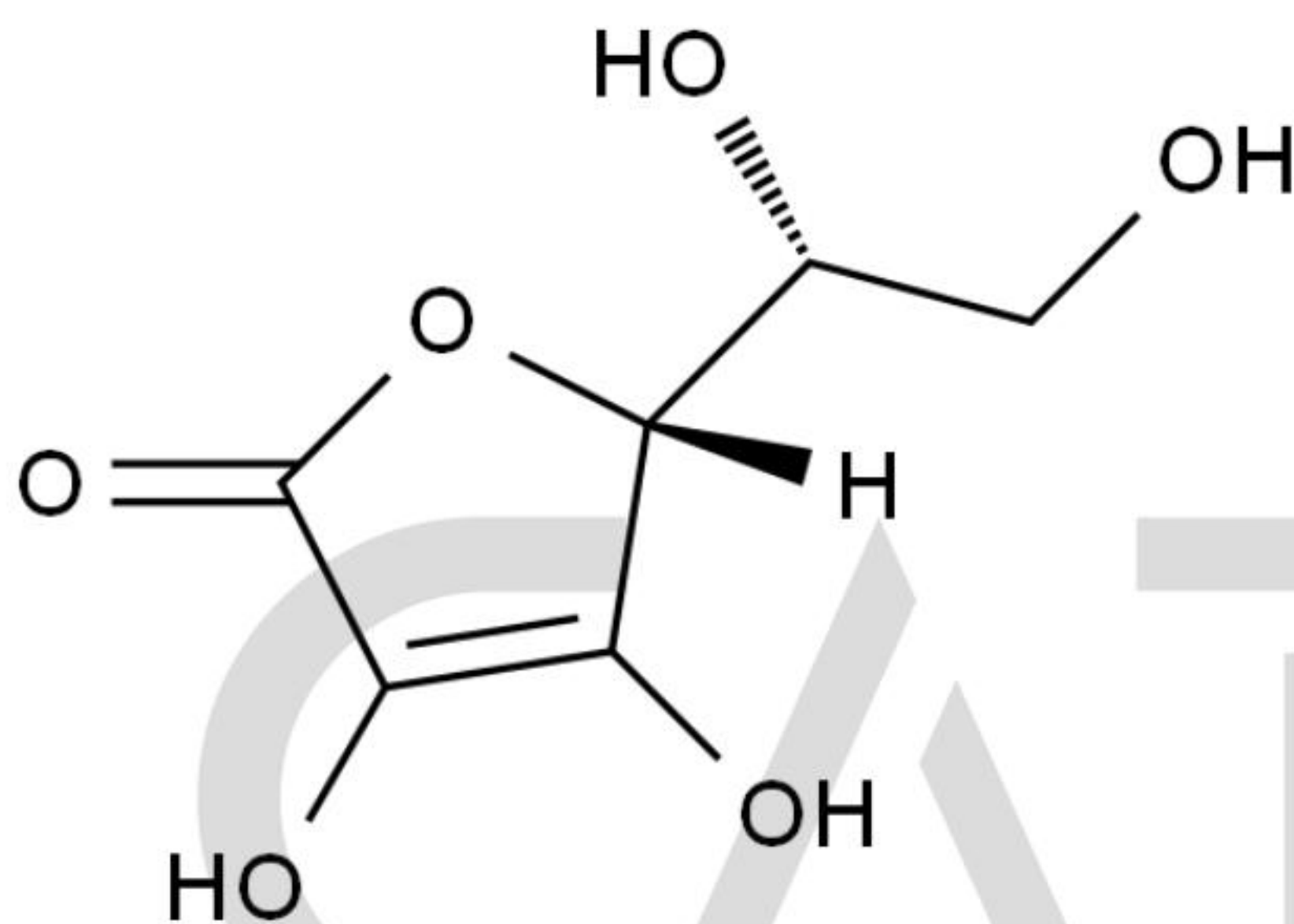


Certificate of Analysis

Reference Material & Standard

Product Name:	Ascorbic Acid EP Impurity F	Catalogue Number:	C4X-17791
Synonyms:	N/A	Lot Number:	0422-RG-0032
CAS Number:	89-65-6	Expiry Date:	Apr 21, 2028
Molecular Formula:	C ₆ H ₈ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	176.12	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.6261%
Assay		99.4%

Comment:

The calculation of the 100% 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 22, 2025

Date: Apr 22, 2025

Date: Apr 22, 2025

