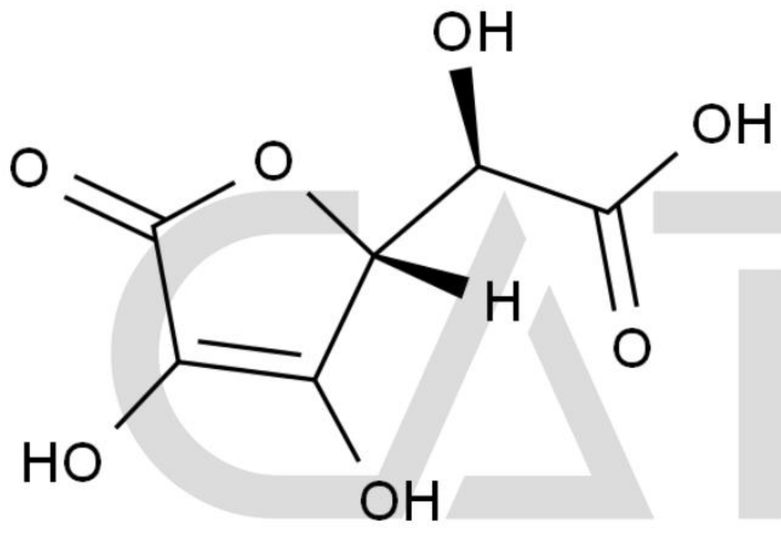
Certificate of Analysis

Reference Material & Standard

Product Name:	Ascorbic Acid EP Impurity G	**Catalogue Number:**	C4X-177925
Synonyms:	N/A	**Lot Number:**	1010-RH-0091
CAS Number:	66757-69-5	**Expiry Date:**	Oct 12, 2030
Molecular Formula:	$C_6H_6O_7$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	190.11	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.658%
Loss on Drying	TGA	6.5421%
Assay	Mass Balance	92.2%

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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: Alice — Date: Oct 13, 2026

Reviewed by: Koi — Date: Oct 13, 2026

Approved by General Manager: David — Date: Oct 13, 2026

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