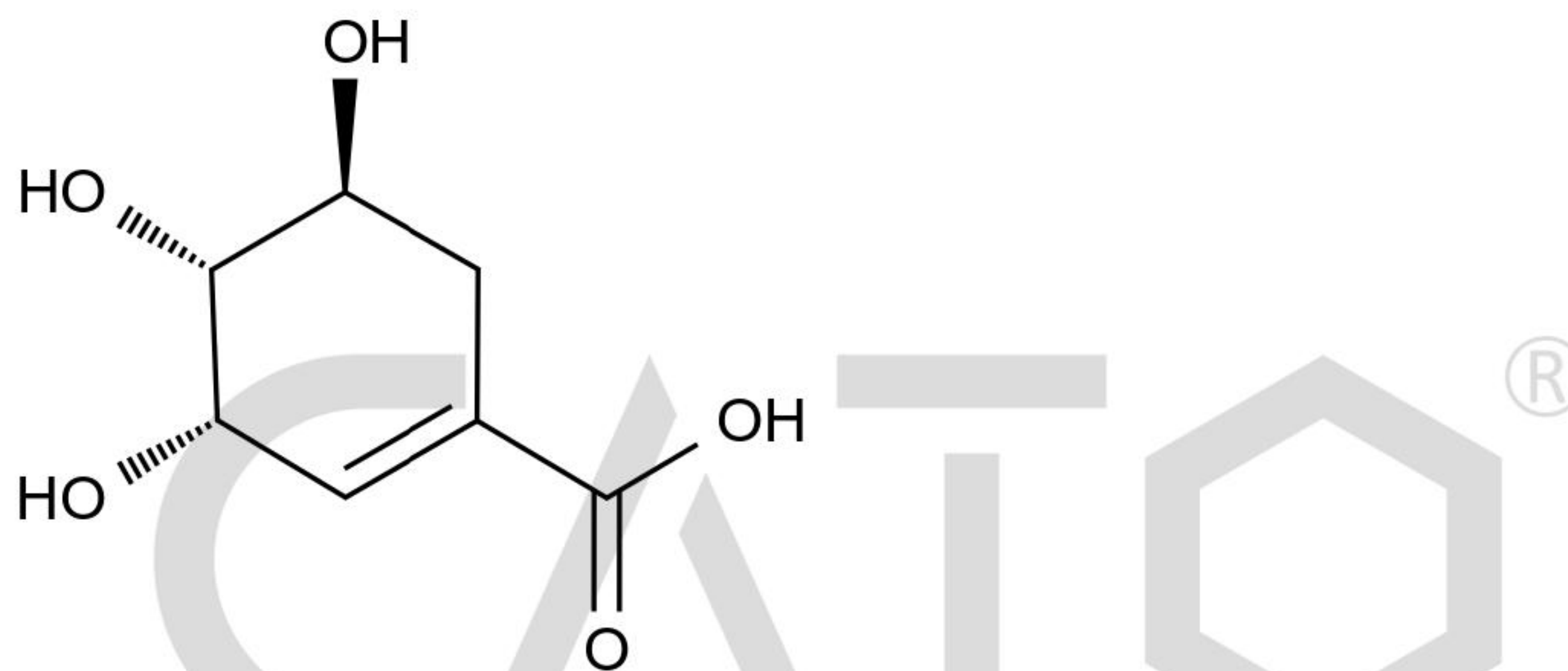


Certificate of Analysis

Reference Material & Standard

Product Name:	Shikimic Acid Impurity 2	Catalogue Number:	C4X-28512
Synonyms:	N/A	Lot Number:	1121-RG-0071
CAS Number:	10191-00-1	Expiry Date:	Nov 23, 2029
Molecular Formula:	C ₇ H ₁₀ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	174.15	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	95.1880%
Loss On Drying	TGA	2.7851%
Assay		92.5%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 25, 2025

Date: Nov 25, 2025

Date: Nov 25, 2025



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