

Certificate of Analysis

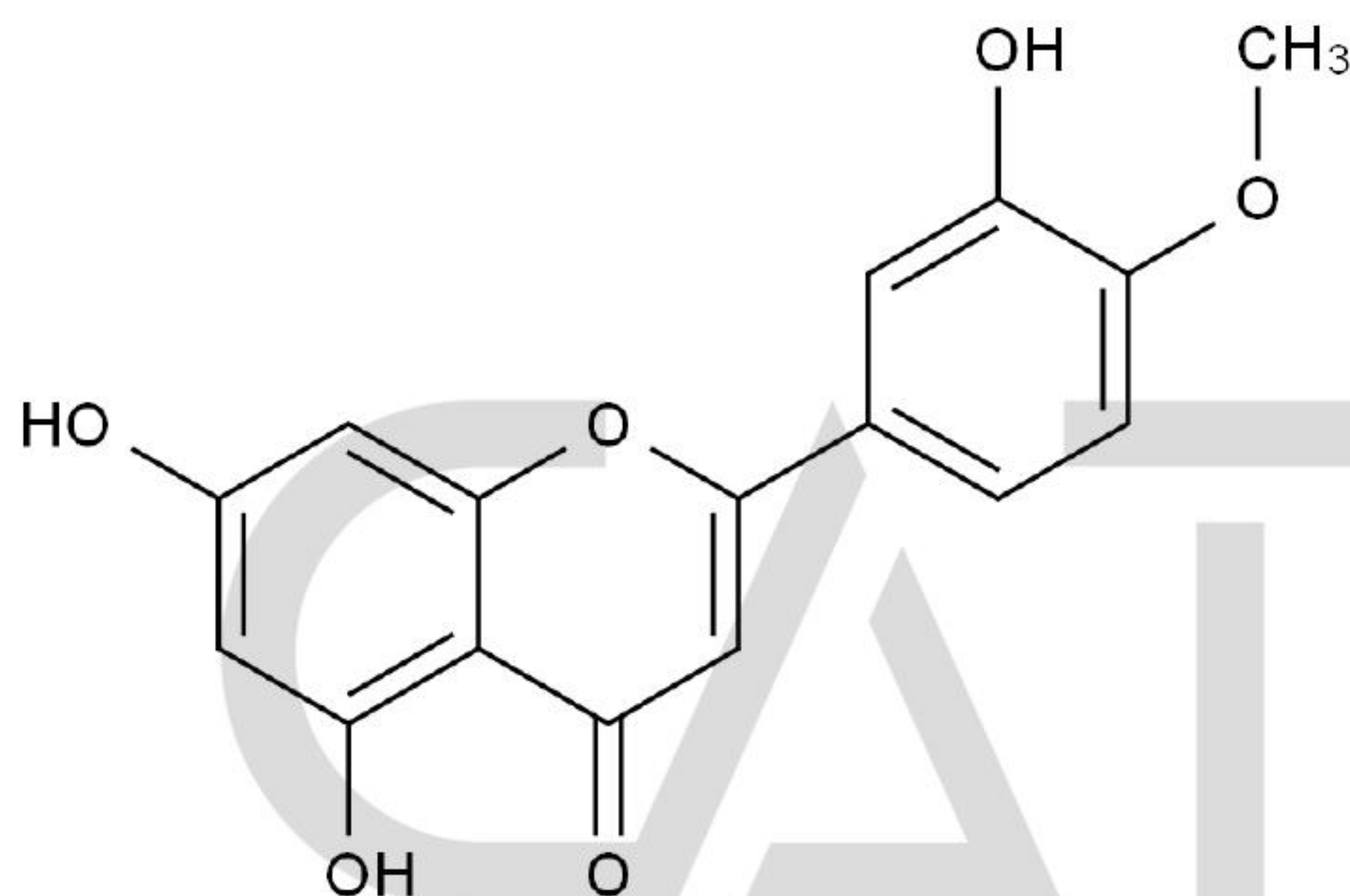
Reference Material & Standard

Product Name:	Diosmin EP Impurity F	Catalogue Number:	C4X-11565
Synonyms:	N/A	Lot Number:	1124-RC-0020
CAS Number:	520-34-3	Expiry Date:	Jul 02, 2030
Molecular Formula:	C ₁₆ H ₁₂ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.26	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.115%
Loss on Drying	TGA	0.5136%
Assay		98.6%

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:

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Date: Jul 06, 2026

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