

Certificate of Analysis

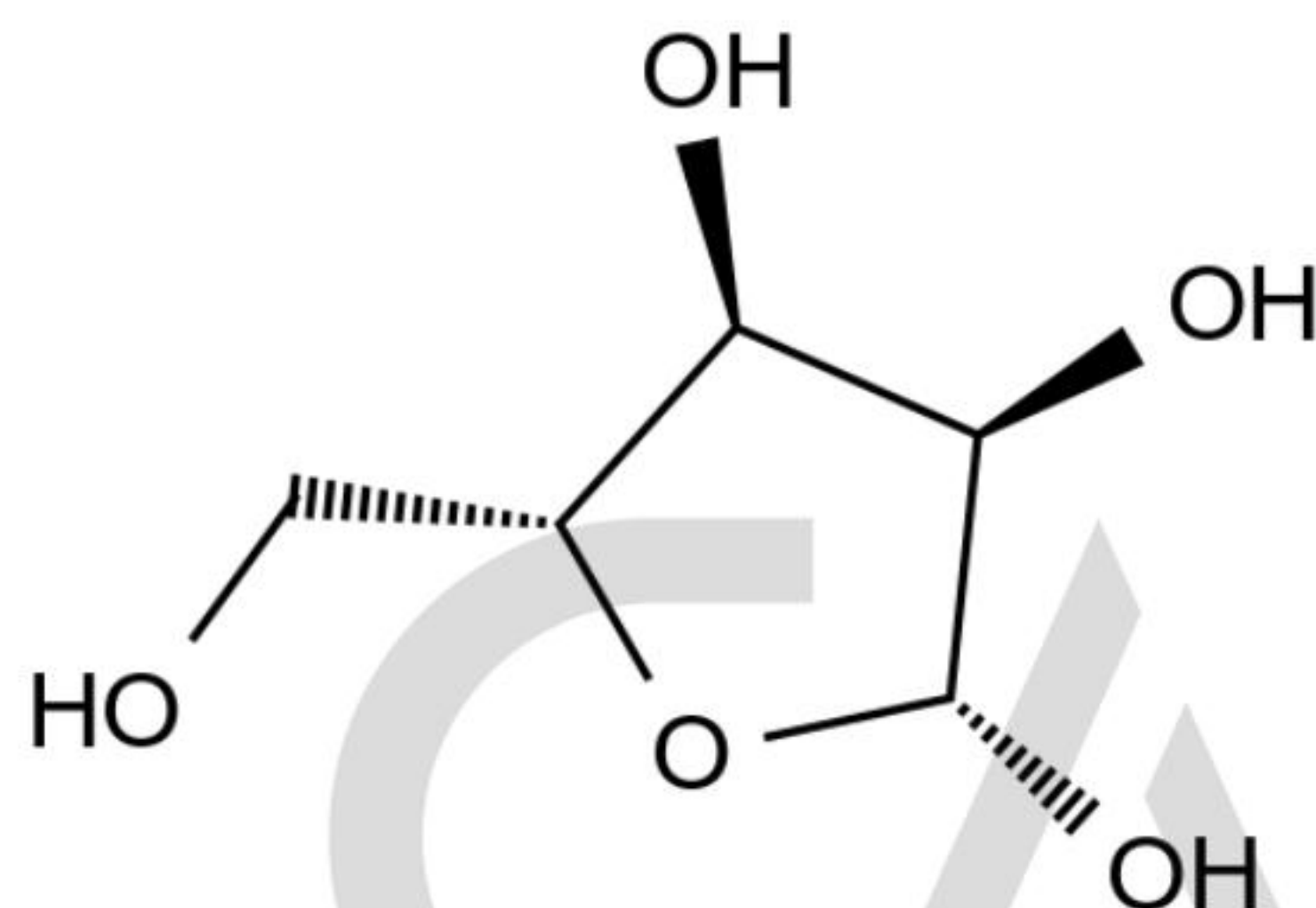
Reference Material & Standard

Product Name:	(2R,3R,4S,5R)-5-(hydroxymethyl)tetrahydrofuran-2,3,4-triol	Catalogue Number:	C1468010
Synonyms:	N/A	Lot Number:	1125-RF-0127
CAS Number:	36468-53-8	Expiry Date:	Dec 02, 2027
Molecular Formula:	C ₅ H ₁₀ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	150.13		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	ELSD	100.000%
Loss on Drying	TGA	0.1026%
Assay		99.9%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity ELSD (\%)} / 100\%$

Loss on Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

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Approved by General Manager:

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Date: Dec 03, 2024

Date: Dec 04, 2024

Date: Dec 04, 2024



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