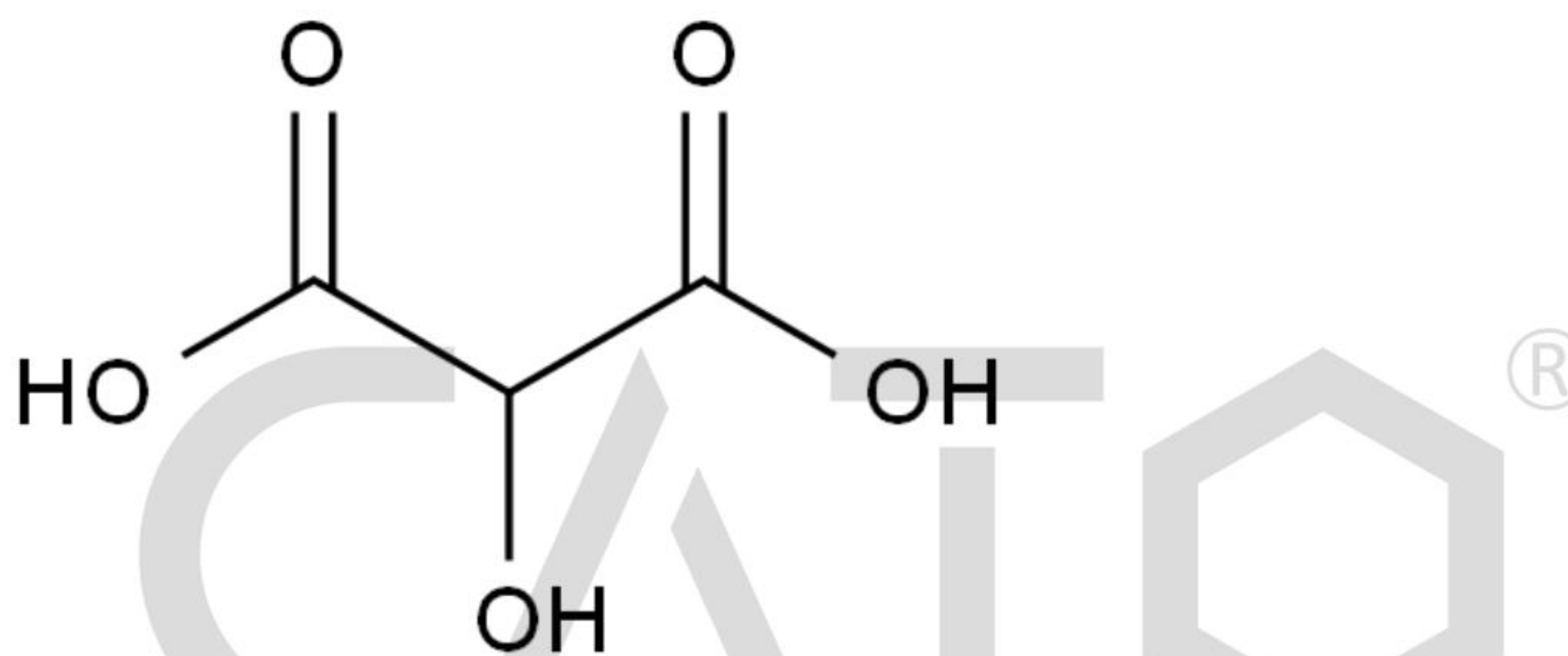


Certificate of Analysis

Reference Material & Standard

Product Name:	Tartronic acid	Catalogue Number:	C3D-3399
Synonyms:	N/A	Lot Number:	0703-RH-0095
CAS Number:	80-69-3	Expiry Date:	Jul 08, 2030
Molecular Formula:	C ₃ H ₄ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	120.06	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	ELSD	94.121%
Loss on Drying	TGA	0.0900%
Assay		94.0%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity ELSD (%) / 100%

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 09, 2026

Date: Jul 09, 2026

Date: Jul 09, 2026



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