

Certificate of Analysis

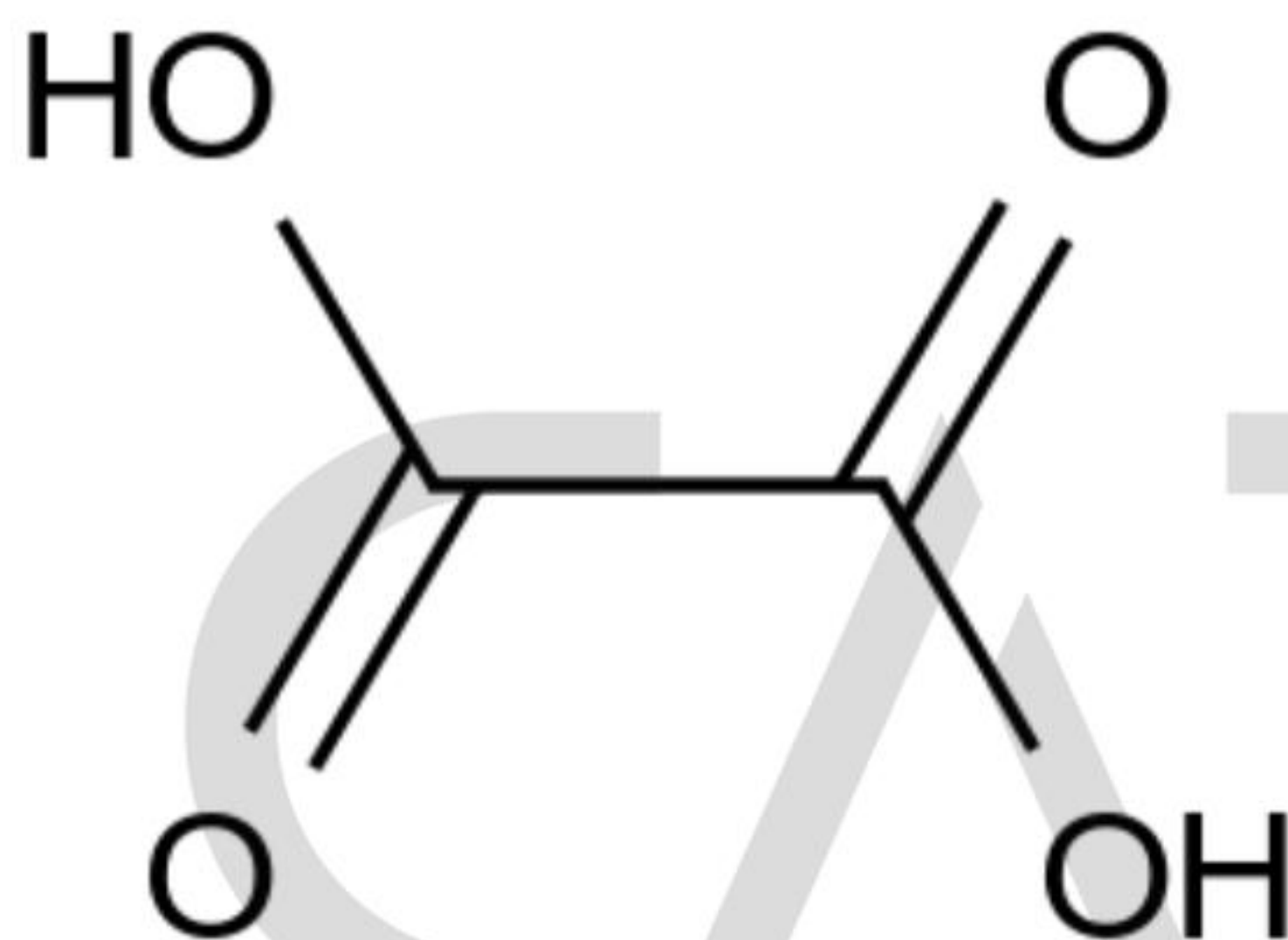
Reference Material & Standard

Product Name:	Ascorbic Acid EP Impurity E	Catalogue Number:	C4X-177924
Synonyms:	Oxalic Acid	Lot Number:	0908-RG-0186
CAS Number:	144-62-7	Expiry Date:	Sep 07, 2029
Molecular Formula:	C ₂ H ₂ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	90.03		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	GCMS&IR&UV&CNMR	Confirmed
Purity	HPLC	97.647%
Water Content	Karl Fischer	1.8110%
Assay		95.9%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content 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: Sep 08, 2025

Date: Sep 09, 2025

Date: Sep 09, 2025



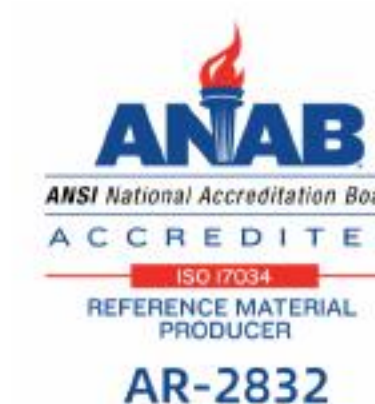
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