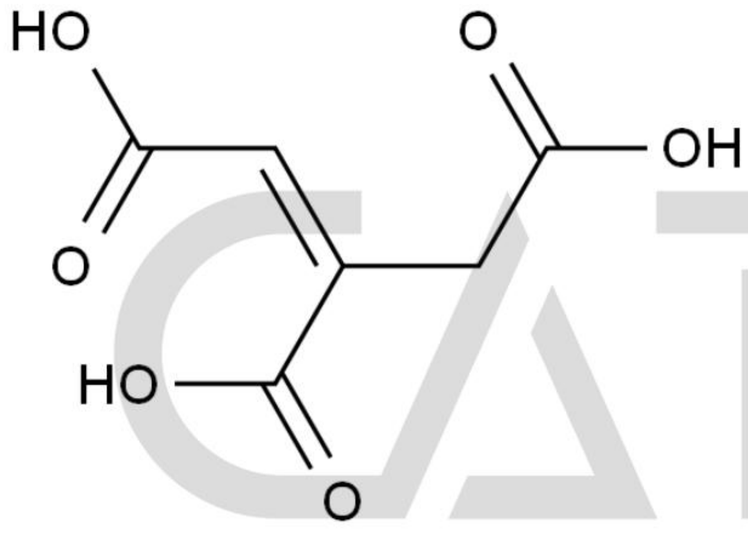
Certificate of Analysis

Reference Material & Standard

Product Name:	cis-Aconitic acid	**Catalogue Number:**	CCFD200673
Synonyms:	N/A	**Lot Number:**	0922-RH-0078
CAS Number:	585-84-2	**Expiry Date:**	Sep 23, 2030
Molecular Formula:	$C_6H_6O_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	174.11	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



CATO Research Chemicals Inc.

Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5%
Assay	qNMR	92.6%
Uncertainty		±1.4%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Alice Date: Sep 24, 2026

Reviewed by: Lisa Date: Sep 24, 2026

Approved by General Manager: David Date: Sep 24, 2026

CATO Research Chemicals Inc.