CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

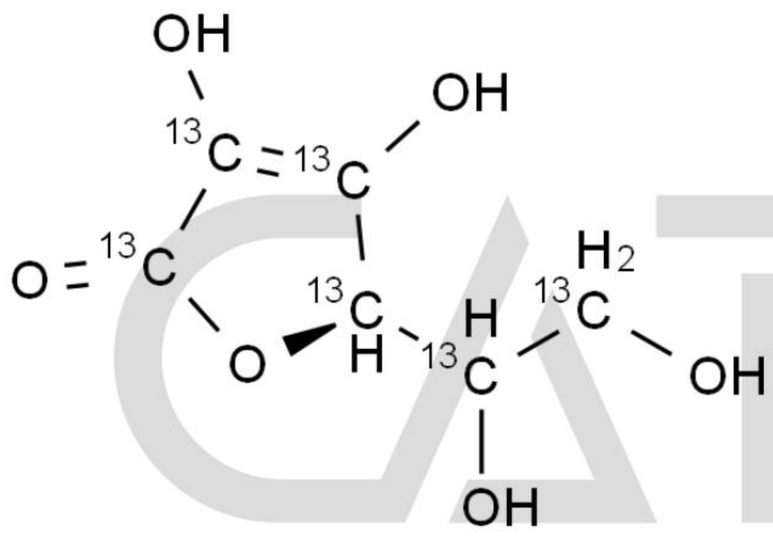
No.: 202602270056

Certificate of Analysis

Reference Material & Standard

Product Name:	L-Ascorbic Acid-13C6	**Catalogue Number:**	CCFD201740
Synonyms:	N/A	**Lot Number:**	0302-RH-0035
CAS Number:	1331939-77-5	**Expiry Date:**	Nov 24, 2029
Molecular Formula:	$[13C]_6H_8O_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	182.08	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	White Solid
Chemical Purity	HPLC	100.0%
Isotopic Purity		99.0%
Uncertainty		±0.1%

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: Lisa Date: Mar 05, 2026

Reviewed by: Hinlam Date: Mar 06, 2026

Approved by General Manager: David Date: Mar 06, 2026

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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