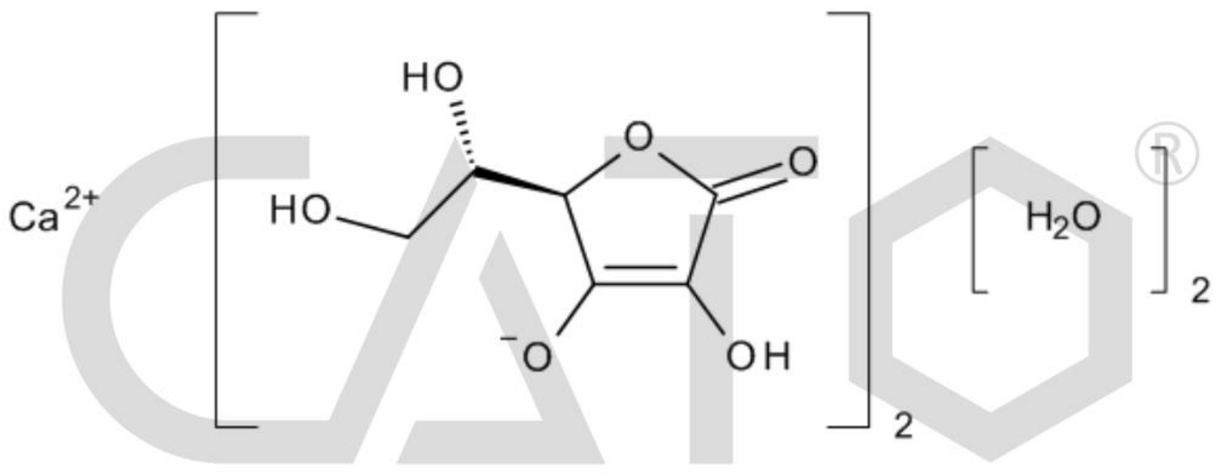
Certificate of Analysis

Reference Material & Standard

Product Name:	Calcium Ascorbate dihydrate	**Catalogue Number:**	CCFD202056
Synonyms:	N/A	**Lot Number:**	0904-RH-0080
CAS Number:	5743-28-2	**Expiry Date:**	Sep 13, 2030
Molecular Formula:	$2*C_6H_7O_6\ Ca\ 2*H_2O$	**Storage:**	Room Temp Protected from light and Sealed
Molecular Weight:	2*175.12 40.08 2*18.02	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Water	**Warning:**	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	98.7%
Uncertainty		±0.5%

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 14, 2026

Reviewed by: Lisa Date: Sep 14, 2026

Approved by General Manager: David Date: Sep 14, 2026

CATO Research Chemicals Inc.