

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001276-01)

Release Date: 11/04/2025

Re-test Date: 10/04/2028

L-ASCORBIC ACID

Identification

Chemical Name :

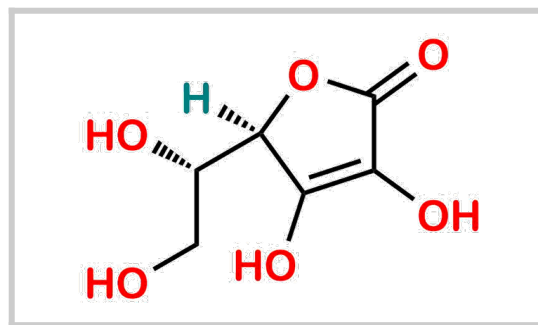
(R)-5-((S)-1,2-dihydroxyethyl)-3,4-dihydroxyfuran-2(5H)-one

CAT No. : KMM001276

CAS No. : 50-81-7

Molecular Formula : C₆H₈O₆

Molecular Weight : 176.1



Analytical Information

Batch No. : L-ASC-030-155

Description : Off White Solid

HPLC Purity : 99.95 %

Weight Loss By TGA : 0.75 %

% Potency : 99.2 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.75(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.2 %

-Re-tested on 11.04.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2025

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA