

## CERTIFICATE OF ANALYSIS

(Certificate No. KMM001276-01)

**Release Date:** 11/04/2025

**Re-test Date:** 10/04/2028

## L-ASCORBIC ACID

## Identification

**Chemical Name :**

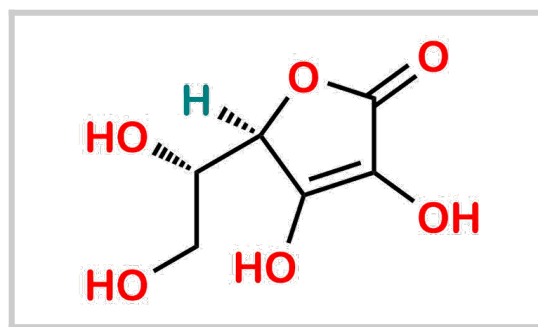
(R)-5-((S)-1,2-dihydroxyethyl)-3,4-dihydroxyfuran-2(5H)-one

**CAT No.** : KMM001276

**CAS No.** : 50-81-7

**Molecular Formula** : C<sub>6</sub>H<sub>8</sub>O<sub>6</sub>

**Molecular Weight** : 176.1



## Analytical Information

**Batch No.** : L-ASC-030-155

**Solubility** : Acetonitrile

**Description** : Off White Solid

**Mass** : Confirm

**HPLC Purity** : 99.95 %

IR : Confirm

**Weight Loss By TGA** : 0.75 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.2 %

## 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

$$\% \text{ Potency} = [100 - 0.75(\text{Weight Loss By TGA})] \times [99.95(\text{HPLC Purity})]/100 = 99.2 \%$$

-Re-tested on 11.04.2025

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Parag Patel		21/04/2025
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		21/04/2025

**Attachments** : COA, HPLC, MASS, 1HNMR, IR and TGA