

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001012-01)

Release Date: 31/05/2022

Re-test Date: 30/05/2025

## SUCCINIC ANHYDRIDE-STANDARD

### Identification

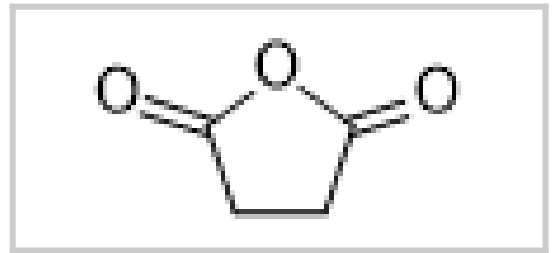
**Chemical Name :**  
Succinic anhydride

**CAT No.** : KMM001012

**CAS No.** : 108-30-5

**Molecular Formula** : C<sub>4</sub>H<sub>4</sub>O<sub>3</sub>

**Molecular Weight** : 100.07



### Analytical Information

**Batch No.** : SUC-AN-030-140

**Description** : Off White Solid

**Assay By Titration** : 98.87 %

**Weight Loss By TGA** : 0.45 %

**% Potency** : 98.43 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 0.45(Weight Loss By TGA)] x [98.87(Assay By Titration)]/100 = 98.43 %

Remarks : COA Re-generated on 08.05.2024

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		08/05/2024

**Attachments** : COA, MASS, <sup>1</sup>HNMR, IR and TGA