

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS061010-01)

Release Date: 01/10/2024

Re-test Date: 30/09/2027

## Fumaric Acid

### Identification

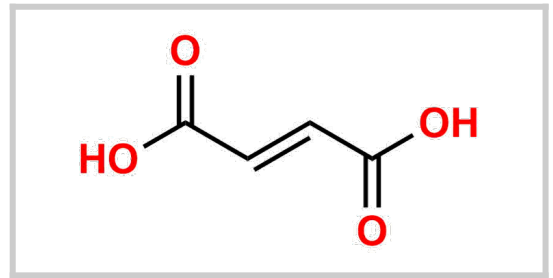
Chemical Name :  
Fumaric acid

CAT No. : KMS061010

CAS No. : 110-17-8

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

Molecular Weight : 116.1



### Analytical Information

Batch No. : S061010-073-400

Description : Off White Solid

HPLC Purity : 99.90 %

Weight Loss By TGA : 0.03 %

% Potency : 99.87 %

Solubility : Acetonitrile

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 - 0.03(Weight Loss By TGA)] x [99.90(HPLC Purity)]/100 = 99.87 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		01/10/2024

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