

CERTIFICATE OF ANALYSIS

(Certificate No. KMA179002-01)

Release Date: 31/12/2024

Re-test Date: 30/12/2027

Asparagine EP Impurity A

Identification

Chemical Name :

(2S)-2-Aminobutanedioic acid (as per EP)

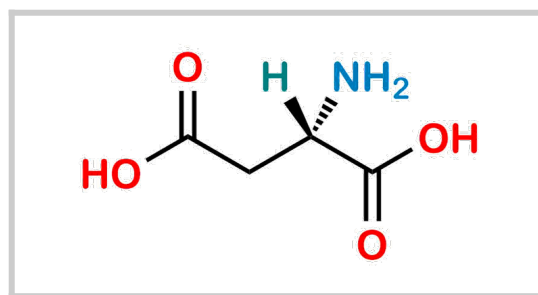
Alt. Name : Aspartic acid (EP)

CAT No. : KMA179002

CAS No. : 56-84-8

Molecular Formula : C₄H₇NO₄

Molecular Weight : 133.1



Analytical Information

Batch No. : A179002-091-103

Solubility : Water

Description : White Solid

Mass : Confirm

HPLC Purity : 99.50 %

IR : Confirm

Weight Loss By TGA : 0.38 %

¹H NMR : Confirm

% Potency : 99.12 %

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 - 0.38(Weight Loss By TGA)] x [99.50(HPLC Purity)]/100 = 99.12 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/01/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/01/2025

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