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)

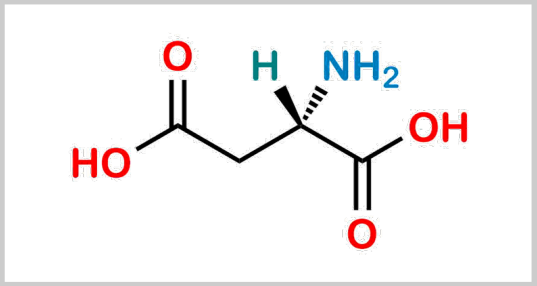
Alt. Name : Aspartic acid (EP)

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