CERTIFICATE OF ANALYSIS

(Certificate No. KMC022007-01)

Release Date: 18/06/2026 **Re-test Date:** 17/06/2029

Methyldopa

Identification

Chemical Name :
(2S)-2-amino-3-(3,4-dihydroxyphenyl)-2-methylpropanoic acid (as per EP)

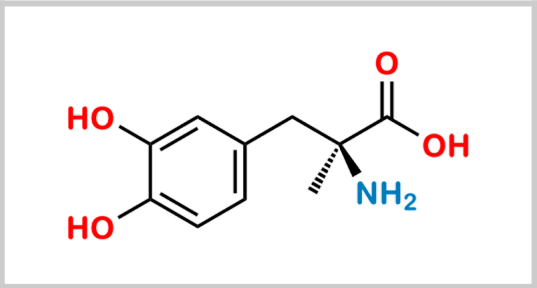
Alt. Name : L-Methyldopa (EP)

CAT No. : KMC022007

CAS No. : 555-30-6

Molecular Formula : C10H13NO4

Molecular Weight : 211.2



Analytical Information

Batch No.	: C022007-136-026	**Solubility**	: ACN : Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.72 %	**IR**	: Confirm
Weight Loss By TGA	: 3.12 %	**1H NMR**	: Confirm
% Potency	: 96.61 %		

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 - 3.12(Weight Loss By TGA)] x [99.72(HPLC Purity)]/100 = 96.61 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		18/06/2026

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