

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)

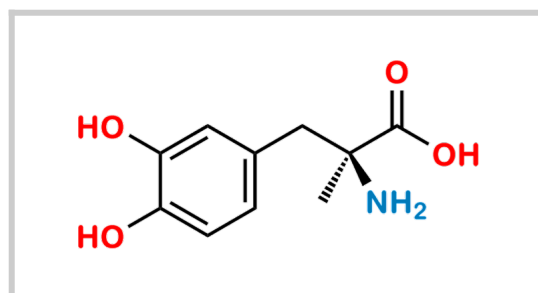
Alt. Name : L-Methyldopa (EP)

CAT No. : KMC022007

CAS No. : 555-30-6

Molecular Formula : C₁₀H₁₃NO₄

Molecular Weight : 211.2



Analytical Information

Batch No. : C022007-136-026

Description : Off White Solid

HPLC Purity : 99.72 %

Weight Loss By TGA : 3.12 %

% Potency : 96.61 %

Solubility : ACN : Water

Mass : Confirm

IR : Confirm

¹H 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 - 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