

Analysis Date: 27-02-2025

Re-test Date: 27-02-2028

(R)-CARBIDOPA

Identification

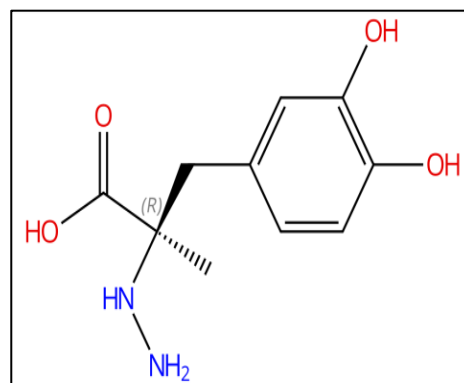
Chemical Name : α -Hydrazino-3,4-dihydroxy- α -methyl-benzenepropanoic Acid

CAT No : ALL-CAR-5925

CAS No : 28875-92-5

Molecular Formula : C₁₀H₁₄N₂O₄

Molecular Weight : 226.2



Analytical Information

Batch Code : ALL-CAR-5925

Solubility : METHANOL

Appearance of Product : Off White Solid

Long Term Storage : 2-8°C

Weight Loss By TGA : 0.525%

Residue Of Ignition : 0.661 %

HPLC Purity : 98.03%

Potency : 96.86%

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 - (0.525 + 0.661 × 98.03)]/100 = 96.86%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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