NATURE SCIENCE TECHNOLOGIES

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CERTIFICATE OF ANALYSIS

Levodopa

LOT EX0296

Catalog No.: NST-10-208

CAS No.: 59-92-7

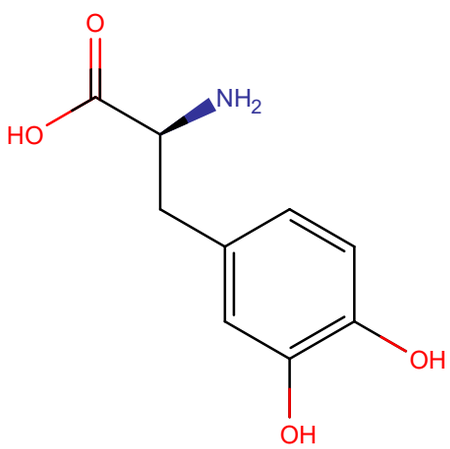
Molecular formula: $C_9H_{11}NO_4$

MW: 197.19

Manufacturing date: 11.08.2025

Analysis date: 01.09.2025

Shelf life: 24 months



No.	Parameter	Specification	Results	Method
1.	Appearance	Powder	Conforms	Visual
2.	Color	White	Conforms	Visual
3.	Identification	Conforms	Conforms	In house
4.	Assay	≥98.0 %	99.83 %	HPLC
5.	Residue on ignition	≤1.0 %	0.09 %	USP <281>
6.	Loss on drying	≤5.0 %	0.49 %	USP <731>
7.	Specific optical rotation	-160° to -167°	-165.12°	USP <781>
8.	Heavy Metals	≤20 ppm	Conforms	ICP-MS

Storage: store in a cool and dry place, keep away from strong light and heat

Stability: 24 months when properly stored

Issued by
Nature Science Technologies Ltd.

Signature:



Date: 01.09.2025

This Certificate of Analysis is based on the manufacturer's quality control documentation for the referenced batch.