

Item Number	D1066
Item	Levodopa, Powder, USP
CAS Number	59-92-7
Molecular Formula	C ₉ H ₁₁ NO ₄
Molecular Weight	197.19
MDL Number	
Synonyms	β-(3,4 Dihydroxyphenyl)-L-alanine ; L-3-Hydroxytyrosine ; (-)-3-(3,4-Dihydroxyphenyl)-L-alanine ; Dihydroxyphenylalanine ; L-DOPA

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0	102.0%
SPECIFIC ROTATION [α] _D	-160° to -167°	
LOSS ON DRYING		0.5%
RESIDUE ON IGNITION		0.1 %
ELEMENTAL IMPURITIES		AS REPORTED
ORGANIC IMPURITIES:		
LEVODOPA RELATED COMPOUND A		0.1 %
L-TYROSINE		0.1 %
LEVODOPA RELATED COMPOUND B		0.5 %
L-VERATRYLGLYCINE		0.1 %
INDIVIDUAL UNKNOWN IMPURITY		0.1 %
TOTAL IMPURITIES		1.1 %
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
APPEARANCE		
RETEST DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED

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