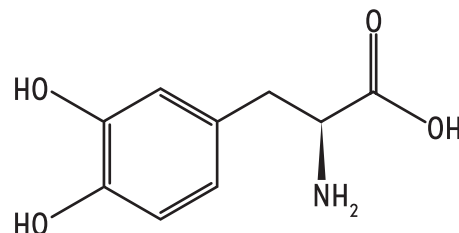


# Product Specification

<b>Product Name</b>	Levodopa
<b>Compendia</b>	USP/EP
<b>CAS #</b>	59-92-7
<b>Formula</b>	$C_9H_{11}NO_4$
<b>Molecular Weight</b>	197.19
<b>Description</b>	White to slightly off-white, crystals or crystalline powder.
<b>Solubility</b>	Freely soluble in formic acid and slightly soluble in water and practically insoluble in ethanol (95). Dissolves in 1 M hydrochloric acid.
<b>Identification</b>	Compare the infrared absorption spectrum of the sample with that of the standard by potassium bromide disc method.



Test	Specification
<b>Specific Rotation @ 20°C</b>	-160 to -167°
<b>Heavy Metals (Pb)</b>	Not more than 10ppm
<b>Related Substances</b>	3-(3,4,6-Trihydroxyphenyl) alanine: Not more than 0.10%; L-Tyrosine: Not more than 0.10%; 3-Methoxytyrosine: Not more than 0.20%; L-Veratryglycine: Not more than 0.05%; Unspecified impurities: Not more than 0.05%; Total: Not more than 1.0%
<b>Loss on Drying</b>	Not more than 0.50%
<b>Residue on Ignition</b>	Not more than 0.10%
<b>(Sulfated) Assay</b>	99.0 to 100.5%
<b>Assay (HPLC)</b>	98.0 to 102.0%
<b>pH</b>	4.5 to 7.0

Other Tests	Specification
<b>Appearance of Solution</b>	Passed test
<b>Enantiomeric Purity</b>	Not more than 0.50% of D-Dopa
<b>Particle Size</b>	
180µm on	Not more than 20.0%
75µm on	10.0 to 60.0%