

济南健丰化工有限公司
JINAN JIANFENG CHEMICAL CO.LTD.

E-MAIL: INFO@PHARMACHEMM.COM TEL: 0086-531-88110457, SHANDONG P.R. CHINA

CERTIFICATE OF ANALYSIS

Product name: LEVODOPA Batch No. : 20110426 Mfg. Date: 2011.04.26 Exp. Date: 2014.04.25		
Item	Standard	Results
Characters	A white or slightly cream-coloured, crystalline powder slightly soluble in water, practically insoluble in alcohol and in ether. It is freely soluble in 1M hydrochloric acid and sparingly soluble in 0.1M hydrochloric acid	Conforms
Storage conditions	Preserve in well sealed container store in cool and dry place, keep away from direct light and heat	Conforms
Identification	Positive	Conforms
Appearance of solution	Conforms	Conforms
Acidity or alkalinity PH	4.5 ~ 7.0	PH 6.1
Optical rotation	-1.27° ~ 1.34°	-1.29
Absorbance	280nm (1%1cm) 137~147	138
Related substances	Conforms	Conforms
Heavy metals	<10ppm	Conforms
Lossing on drying	<1.0%	0.15%
Sulfated ash	<1.0%	0.02%
Assay	99.0%~101.0%	99.6%
Conclusion : complies BP2007		
Exam	Analyst	Checker