


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

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**CERTIFICATE OF ANALYSIS**

<b>Product name: Carbidopa</b> <b>Batch No.20110602</b> <b>Report Date2011/6/20</b> <b>Perform standard: USP</b>		
		
Item of analysis	Standard	Result of analysis
<b>Description</b>	White or creamy white crystalline powder.	Conforms
<b>IR</b>	IR spectrum is consistent with Carbidopa RS	Conforms
<b>HPLC</b>	Conform with the retention time of the major peak in the chromatogram	Conforms
<b>Specific rotation</b>	-21.0° — -23.5°, calculated as the monohydrate	-22.0°
<b>Heavy metals</b>	≤0.001%	<0.001%
<b>Related substances</b>	Methyldopa ≤0.5%	0.28%
	Carbidopa related components A ≤0.5%	Lod(0.02%)
	Any unknow components ≤0.1%	0.07%
<b>Loss on drying</b>	6.9%-7.9%	7.3 %
<b>Ignition wastes</b>	≤0.1%	0.05%
<b>Dichloromethane</b>	≤0.006%	<LOD(0.4ppm)
<b>ETHANOL</b>	≤0.1%	≤0.0002%
<b>ASSAY</b>	98%-102%	100.0%
<b>Conclusion:Conform USP standard</b>		
<b>Exam</b>	<b>Analyst</b>	<b>Checker</b>