



西安宏昌药业有限责任公司
Xi'an HongChang Pharmaceuticals Co., Ltd

CERTIFICATE OF ANALYSIS

分析单

Alpha-Cyclodextrin

Name of Product:	Alpha- Cyclodextrin		
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Items	Standard	Results
Appearance 外观	White crystal or crystalline powder 白色粉末	Complies
Assay (in dry substance) (%) 纯度 (干物质)	98.50 Min。	98.70
Specific Rotation (1%w/v,20 °C) 比旋度	+147.0-152.0°	+150°
Loss on drying (%) 水份	10 max	7.5
Residue on ignition (%) 灰分	0.10max	0.08
Heavy Metals (ppm as Pb) 重 金属	4.0max	1.2 max
Lead (Pb) (ppm) 铅	1.0max	0.06
Arsenic (As) (ppm) 砷	1.0max	0.05
Total counts bacteria (cfu) 细 菌总数	300/g max	complies
Yeast & Fungi (cfu) 霉菌和酵 母	50 /g max each	complies
E-Ecoli bacteria 大肠杆菌	Negative	Complies

Checker : Qian Fenggang

Inspector : Wang Hai Ni