## Co., Ltd.

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## **CERTIFICATE OF ANALYSIS**

Product Name: Compd. ID No:		1-(4-Hydroxybenzyl)-1,2,3,4- tetrahydroisoquinoline-6,7-diol HCl EQ4000		Structure:		
Batch No:		20140310		HN	<b>н</b> —сі	
CAS No:		11041-94-4		но		
Manu. Date:		Mar. 06, 2014				
Report Date:		Mar. 13, 2014		-		
Item		Specification	Analysis Results		Conclusion	
Appearance		NA	Off white powder		conform	
HNMR		Comply with the structure	Comply with the structure		conform	
LC-MS		Comply with the structure	Comply with the structure		conform	
Purity		≥98%	98.21% (by HPLC)		conform	
Loss on drying		≦1%	0.47%		conform	
Ash content		≦ 0.5%	0.39%		conform	
Heavy Metals		≦20ppm	≦20ppm		conform	
Arsenic		≦1ppm	≦1ppm		conform	
Cadmium		≦1ppm	≦1ppm		conform	
Mercury		≦ 0.1ppm	≦ 0.1ppm		conform	
Total Plate Count		≦1,000 cfu/g	≦1,000 cfu/g		conform	
Total Yeast & Mold		≦ 100 cfu/g	≦ 100 cfu/g		conform	
E. Coli		Negative	Negative		conform	
Salmonella		Negative	Negative		conform	
Storage & Conclusion						
Packing	Pac	ack in paper-drums and two plastic-bags inside. 25.00 kg/Drum				
Storage	Sto	ore in a well-closed place with room temperature and no direct sun light.				
Conclusion	Qua	Qualified with the specification.				