

CERTIFICATE OF ANALYSIS

Product Name	L-Glutamine		
Batch No.	130725	Quantity	1000kgs
Mfg. Date	Jul.08,2013	Expiry Date	Jul.07,2015
Item	Standard		Result
Appearance	Whitish crystalline powder, practically insoluble in alcohol and in ether		Conform
Specific Rotation	+6.30° ~+7.30°		+6.6°
Loss on drying	0.3%max.		0.19%
Residue on ignition	0.10%max		0.06%
Heavy metals (lead)	5ppm max.		<0.05ppm
As	0.1ppm max		<0.01ppm
Assay	98.5%-101.5%		99.1%
Aerobic plate count	1000cfu/g max		Conform
Pathogenic bacteria	Negative		Conform
Conclusion: This batch is conforming with the standard of FCCVI.			

Prepared by: 王瑾园

Reviewed by: 袁家心

Approved by: 夏沛园