



无锡金海岸生物科技有限公司

WUXI JIN-HIGHER BIOTECH CO.,LTD

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: L-GLUTAMIC ACID CAS NO:56-86-0
 BATCH NO: LF ***** SHELF LIFE: 2YEARS
 PRODUCTION DATE: REPORT DATE:
 STANDARD: EP6 QUANTITY: 1000KGS

Tests	Limits	Test results
Description	White crystals or crystalline powder	Conforms
Identification (IR)	Positive	Conforms
Assay	98.5~100.5%	99.5%
Specific rotation $[\alpha]_D^{20}$	+30.5°~+32.5°	+31.8°
State of solution	clear & colorless	conforms
Chloride(Cl)	≤200ppm	<50ppm
Ammonium(NH ₄)	≤200ppm	<100ppm
Sulfate(SO ₄)	≤300ppm	<100ppm
Iron(Fe)	≤10ppm	<10ppm
Heavy metals(Pb)	≤10ppm	<10ppm
Arsenic(As)	≤1ppm	<1ppm
Lead(Pb)	≤3ppm	<3ppm
Cadmium(Cd)	≤1ppm	<1ppm
Mercury(Hg)	≤0.1ppm	<0.1ppm
Loss on drying	≤0.50%	0.06%
Residue on ignition	≤0.10%	0.07%
Total plate count	≤1000cfu/g	Conforms
Yeast and Moulds	≤100cfu/g	Conforms
E.Coli	Absent	Not-detected
Salmonella	Absent	Not-detected

Conclusion: Passed test according to the Standard of EP6.



Inspector:Guoqin Zou

Checker: Fengzhu Xu

Director:Deming Cao