



无锡金海岸生物科技有限公司

WUXI JIN-HIGHER BIOTECH CO.,LTD

金海岸 214199 GANGXIA WUXI CHINA TEL:86-13961735501 FAX:86-510-88351375

CERTIFICATE OF ANALYSIS

Product NAME: L-Asparagine Monohydrate CAS NO:70-47-3
 BATCH NO: LP ***** SHELF LIFE: 2YEARS
 PRODUCTION DATE: REPORT DATE:
 STANDARD: FCC VI QUANTITY: 1000KGS

Tests	Limits	Test results
Description	White crystals or crystalline powder	Conforms
Identification (IR)	Concordant with the reference spectrum	Conforms
Assay	98.5~101.5%	99.6%
Specific rotation $[\alpha]_D^{20}$	+33.0°~+36.5°	+34.5°
Heavy metals(Pb)	≤10ppm	<10ppm
Lead	≤5ppm	<5ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
L-aspartic acid	≤1%	<1%
Chromatographic purity	≤2.0%	conforms
Loss on drying	11.5%~12.5%	11.9%
Residue on ignition	≤0.10%	0.03%
Total plate count	≤1000cfu/g	<1000cfu/g
Molds and Yeasts	≤100cfu/g	<100cfu/g
Escherichia Coli	Negative	Negative
Salmonella enteritica	Negative	Negative
Conclusion: Passed test according to the Standard of FCC VI.		



Inspector:Guoqin Zou

Checker: Fengzhu Xu

Director:Deming Cao