



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-TRYPTOPHAN

CAS NO:73-22-3

BATCH NO:LY*****

SHELF LIFE: 1YEARS

PRODUCTION DATE:

REPORT DATE:

STANDARD: EP 6

QUANTITY:1000KGS

Tests	Limits	Test results
Description	white or white-like flakes	Conforms
Identification (IR)	Concordant with the reference spectrum	Conforms
Assay	98.5~101.0%	99.4%
Specific rotation $[\alpha]_D^{20}$	-30.0°~-33.0°	-31.1°
Chloride(Cl)	≤0.02%	<0.02%
Ammonium(NH4)	≤0.02%	<0.02%
Sulfate(SO ₄)	≤0.03%	<0.03%
Iron(Fe)	≤20ppm	<20ppm
Heavy metals(Pb)	≤10ppm	<10ppm
Arsenic(As)	≤1ppm	<1ppm
Lead	≤ 3ppm	<3ppm
Cadmium	≤1ppm	<1ppm
Mercury	≤0.1ppm	<0.1ppm
Ninhydrin-positive substances	Conforms	Conforms
Loss on drying	≤0.50%	0.03%
Residue on ignition	≤0.10%	0.02%
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

