

PREMIUM INGREDIENT CO.,LTD

Dongsheng Rd, Tianan Cyber park, High tech industrial development zone,
Jiangyin City, Jiangsu Province, China 214437

CERTIFICATE OF ANALYSIS

PRODUCT: L-ASPARAGINE MONOHYDRATE QUANTITY: 2000KGS
BATCH NO.: 20220502 REFERENCE STANDARD: AJI-92
PACKING: 25KGS NET/DRUM MANU DATE: 2022-05-18
EXPIRY DATE: 2 YEARS REPORT DATE: 2022-05-21

ITEM	INSPECTION CRITERION	RESULT
Appearance	White crystals or crystalline powder	Conforms
Specific rotation $[\alpha]_D^{20}$	+34.2°~+36.5°	+35.4°
State of solution	≥98.0%	99.5%
Chloride(Cl)	≤0.020%	<0.020%
Sulfate(SO ₄)	≤0.020%	<0.020%
Other amino acids	Meets the requirements	Conforms
Loss on drying	11.5%~12.5%	11.9%
Residue on ignition	≤0.10%	0.05%
Iron(Fe)	≤10ppm	<10ppm
Ammonium(NH ₄)	≤0.10%	<0.10%
Arsenic(As ₂ O ₃)	≤1ppm	<1ppm
Heavy metals(Pb)	≤10ppm	<10ppm
pH	4.4~6.4	4.5
Assay	99.0%~101.0%	99.3%
Total microbial count	≤1000 CFU/Gram	<1000 CFU/Gram
Mold & Yeast	≤100 CFU/Gram	<100 CFU/Gram
E.Coli	Negative	Conforms
Salmonella	Negative	Conforms
CONCLUSION: This product conforms to AJI92.		

Checker: LU DANDAN

Examiner: SHENG YAHONG

Director: PUJUNPING

