



## CERTIFICATE OF ANALYSIS

### L-TRYPTOPHAN

ITEM	SPECIFICATION	RESULT
Description	White to yellowish crystals or crystalline powder	White to yellowish crystalline powder
Specific rotation	-29,4 - -32,8	- 31,5
Chloride	Not more than 0,05%	Less than 0,05%
Sulfate	Not more than 0,03 %	Less than 0,03%
Heavy metals	Not more than 0,0015 %	Less than 0,0015%
Iron	Not more than 0,003 %	Less than 0,003%
Loss on drying	Not more than 0,3 %	0,10%
Residue on ignition	Not more than 0,1 %	0,10%
Ovi	Conforms	Conforms
PH	5,5 - 7,0	5,8
Other amino acids	Not more than 0,5%	Less than 0,5%
Assay	98,5 - 101,5 %	99,60%

Conclusion: Conforms to AJI97.