



Product Technical Data Sheet

Product name: L-Tryptophan

AC code: AC02199d

Technical Data Sheet	
Formular	C11H12N2O2
Molecular Weight	149.148
Quality Standard:	USP32
CAS number	73-22-3
Item	Standard
Specifications	
Assay	98.5~101.5%
Appearance	White to yellowish white crystals or crystalline powder
PH	5.5~7.0
Loss on Drying	≤0.3%
Residue on Ignition	≤0.1%
Specific rotation $[\alpha]_{D25}$	No Carbonation
Chloride	≤0.05%
Sulfate	≤0.03%
Iron	≤0.003%
Heavy metals	≤0.0015%
Storage & Shelf Life	
Package	25kgs/drum
Shelf life	2 years
Storage	Preserve in tight, light-resistant containers at controlled room temperature