



Technical Data Sheet

PRODUCT : L-TRYPTOPHAN
MOLECULAR FORMULA : $C_{11}H_{12}N_2O_2$
CAS NO. : 73-22-3
MOLECULAR WEIGHT : 204.23

INDEX	STANDARD
APPEARANCE	WHITE OR LIGHT BROWN POWDER
ASSAY	98.5% MIN
PH (10% SOLUTION)	5.5~7.0
SPECIFIC ROTATION $[\alpha]_D^{20^\circ}$	-30.0°~-33.0°
MOISTURE	1.0% MAX
HEAVY METALS	10PPM MAX
ARSENIC (AS ₂ SO ₃)	1.0PPM MAX
IGNITED RESIDUE	0.5% MAX
SALMONELLA	NEGATIVE

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