

Product Information

Revision : 03 Date of Revision: 22.07.2022

L-Tryptophan (From non-animal source) Cell Culture Tested Product Identifier

CAS No.	:	73-22-3
EC No.	:	200-795-6
Molecular Formula	:	$C_{11}H_{12}N_2O_2$
Molecular Weight	:	204.23
HS Code	:	2922 49 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	: White to off-white crystals or powder.
Solubility	: 33.3 mg soluble in 1 mL of 0.5 M hydrochloric acid
pH (1% in water at 25°C)	: 5.50 - 7.00
FTIR	: Matches with the standard pattern
Specific rotation	: -32.80° to -29.4° (c = 1% in water at 25°C)
Melting range	: 280 - 285°C
Loss on drying (at 105°C, 2 hr)	: <= 0.5%
Assay (HPLC/NT, on dry basis)	: 99.00 - 102.00%
Cell Culture Test	: Passes

Safety Information

: Not dangerous goods
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: -
: YN6130000
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