

## L-Tryptophan

**TC121**

(From non-animal source)

Cell Culture Tested

### Product Identifier

CAS No.	:	73-22-3
EC No.	:	200-795-6
Molecular Formula	:	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
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

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	YN6130000
WGK	:	1