



L - TRYPTOPHAN

(FEED GRADE)

No. Doc. TEQ-BRS-13-01

Date Issued : 3rd Aug 2010

Revision : 02

PRODUCT NAME

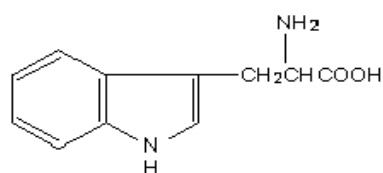
L-Tryptophan (Feed Grade)

APPEARANCE

Light yellow crystals

CHEMICAL DESCRIPTION

Chemical Structure



Chemical Name 2-Amino-3 Indolepropionic acid
Molecular Formula $C_{11}H_{12}N_2O_2$
Molecular Weight 204.23

COMMERCIAL GUARANTEES

L-Tryptophan Content	not less than 98 %	(HPLC)
Moisture	not more than 1.0 %	(105 °C for 3 hours)
Purity	not less than 98 %	(L-TRP on dry matter)

PACKAGING SPECIFICATION

Packing	10 kg bags
Shelf life	3 years (if unopened and stored under recommended conditions)

MANUFACTURER

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Complementary information

Below figures are indicative only. Do not constitute any commercial guarantee.

PHYSICAL CHARACTERISTICS

pH	4.5 ~ 7.0	(0.5 % solution)
Bulk Density	0.35 ~ 0.50 g/ml	
Solubility in H ₂ O	1.06 g/100 g water (20 °C)	

CHEMICAL CHARACTERISTICS

Residue on Ignition	not more than 1.0 %	(600 °C for 2 hours)
Sulphate (SO ₄)	not more than 0.2 %	
Chloride(Cl)	not more than 0.2 %	
Ammonium (NH ₄)	not more than 0.2 %	

UNDESIRABLE SUBSTANCES

In line with Directive (EC) No. 2002/32

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