

Specification

Technical Data Sheet

Product Name	DL-Tryptophan
Product No	57306313
CAS Number	54-12-6
Storage Temperature	Ambient
Molecular Weight	204.23

Specification

Appearance	White to off-white crystalline powder
Heavy metals	≤ 10ppm
Loss on Drying	≤ 0.5%
Water	≤ 1.0%
Assay	98.0 - 101.0%
Chloride (Cl)	≤ 0.10%
Iron (Fe)	≤ 30ppm

Specification

pH(1%Solution 25°C)

5.5 - 7

Residue on Ignition

≤ 0.2%

Ammonium (NH₄)

≤ 0.02%

Arsenic (As)

≤ 1ppm

Identification (IR)

Conforms to structure

Sulphate (SO₄)

≤ 0.030%
