



# Shanghai Wentai Bio Technology Co.,Ltd.

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## Specification sheet

Product Name: L-Tryptophan granular (DC grade)

Item	Specification
Appearance	White granular
Odor	Characteristic
Identification	Infrared Absorption
Specific rotation [ $\alpha$ ] <sub>D</sub> <sup>20</sup>	N/A
pH	5.5 to 7.0
Loss on drying	Not more than 0.3%
Residue on ignition	Not more than 0.10%
Chloride (Cl)	Not more than 0.05%
Sulfate(SO <sub>4</sub> )	Not more than 0.03%
Iron(Fe)	Not more than 30ppm
Heavy metals	Not more than 10ppm
Lead	Not more than 3ppm
Arsenic(as As <sub>2</sub> O <sub>3</sub> )	Not more than 1ppm
Mercury	Not more than 0.1ppm
Cadmium	Not more than 1ppm
HPMC	Not more than 5%
Assay	Not less than 95.0%
Size	90% through 20 mesh 30% through 80 mesh
Bulk density	Not less than 0.45g/ml



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Tapped density	Not less than 0.55g/ml
Total Plate Count	Not more than 1000cfu/g
Yeast and Mould	Not more than 100cfu/g
E.Coli	Negative
Salmonella	Negative
S.aureus	Negative

**Packing:** 25KG NET DRUM

**Storage condition:** preserve in tight containers at controlled room temperature.

**Shelf life:** 2 years

**Origin Country:** China