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|  | <b>PRODUCT SPECIFICATION</b> | Rev. No. | 03-201807 |
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## L-Tryptophan Specification

L-Tryptophan is one of the essential amino acids. It is a heterocyclic compound that is found in small amounts in most proteins. It plays an important role in the growth and development of infants and in the biosynthesis of serotonin and niacin (thus, deficiency of niacin or tryptophan can cause pellagra). Its occurrence in milk has been suggested as the reason that drinking milk before bedtime helps people sleep. It is used in medicine and nutrition research, in enriched foods, and as a dietary supplement.

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|-------------------------|--|
| <b>CAS No.</b>          | 73-22-3  |
| <b>Packaging</b>        | 25kg   |
| <b>Place of origin</b>  | China  |
| <b>Certificate</b>      | Haccp, Kosher, Hala, ISO   |
| <b>Payment terms:</b>   | T/T or L/C   |
| <b>Port of dispatch</b> | Shanghai, Tianjin, Qindao  |
| <b>Applications</b>     | Food grade L-Tryptophan is an amino acid (a protein building block) that is naturally found in animal and plant proteins. It is an "essential" amino acid because the body cannot make it, and it must be acquired from food instead. This product can be used as a supplement in foods and drinks. It can be used in functional foods applications. |

### L-Tryptophan

|              |       |
|--------------|-------|
| Abbreviation | L-Trp |
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|------------------------|---|
| Chemical Name          | (2S)-2-Amino-3-(indol-3-yl) Propanoic Acid  |
| Chemical Formula       | C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>   |
| Molecular Weight       | 204.23  |
| Nitrogen Content       | 13.72%  |
| CAS Number             | 73-22-3   |
| Specification          | USP, EP, JP   |
| Solubility             | Slightly soluble in water   |
| Assay                  | 99.0 to 101.0%  |
| Description            | White to yellowish white crystals, or crystalline powder  |
| Country of Origin      | USA   |
| Manufacturing Process  | Fermentation  |
| Additional Information | Tryptophan is an essential amino acid that is required to maintain appropriate levels of serotonin and melatonin. It is used in parental and enteral nutrition and is an active ingredient in many antidepressants, hypnotics and natural sleep aids. |

We're L-tryptophan **Manufacturers, Suppliers and Wholesalers** in China.

Based on our 15 years in food additives & ingredients market, we have a knowledge of China market and manufacturers. We can help our abroad customers save time selecting good manufacturers and update the current market in China.

**Contact Us**

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