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## SPECIFICATIONS SHEET

**Cat No.: BIO-432**

Product: L-TRYPTOPHAN

CAS Number: [73-22-3]

Chemical Formula: C<sub>11</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 204.43

Appearance: White to yellowish crystalline powder

Specific rotation [ $\alpha$ ]<sub>D</sub><sup>25</sup>: -29.4° ~ -32.8°

Chloride(Cl): 0.05% max

Sulfate(SO<sub>4</sub>): 0.03% max

Iron (Fe): 0.003% max

Heavy metals(Pb): 0.0015% max

Loss on drying: 0.30% max

Assay: 98.5-101.5%

pH: 5.5~7.0

Storage: Cool dry place



