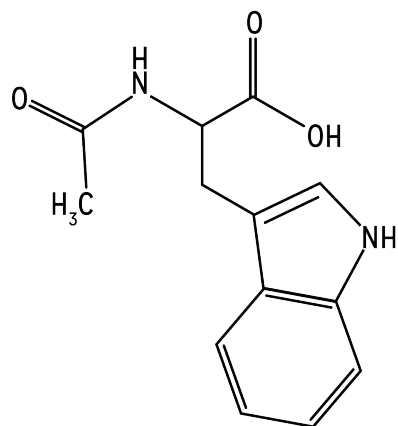


# Product Specification

<b>Product Name</b>	N-Acetyl-DL-Tryptophan
<b>Compendia</b>	EP
<b>CAS #</b>	87-32-1
<b>Formula</b>	C <sub>13</sub> H <sub>14</sub> N <sub>2</sub> O <sub>3</sub>
<b>Molecular Weight</b>	246.26
<b>Description</b>	White crystals or crystalline powder; strongly acid taste.
<b>Identification</b>	Compare the infrared absorption spectrum of the sample with that of the standard by potassium bromide disc method.



Test	Specification
<b>Specific Rotation @ 20°C</b>	-1.0 to +1.0°
<b>State of Solution</b>	Clear and Colorless; Not less than 98.0%Not more than 0.040%
<b>Chloride (Cl)</b>	Not more than 0.02%
<b>Ammonium (NH<sub>4</sub>)</b>	Not more than 10ppm
<b>Iron (Fe)</b>	Not more than 10ppm
<b>Heavy Metals (Pb)</b>	Not more than 2ppm
<b>Arsenic (As<sub>2</sub>O<sub>3</sub>)</b>	Not more than 0.25% of other impurity (each); Not more than 0.5% of total impurities.
<b>Related Substances</b>	Not more than 0.50%
<b>Loss of Drying</b>	Not more than 0.10%
<b>Residue on ignition (Sulfated)</b>	99.0 to 101.0%
<b>Assay</b>	2.5 to 3.5
<b>pH</b>	Less than 250.0EU/g
<b>Endotoxin</b>	

## Other Tests Specification

<b>Optical Rotation</b>	-0.1 to +0.1°
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