

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	02009
<b>Product</b>	<b>Acetyl-L-tyrosine</b>  Ac-L-Tyr-OH
<b>CAS Number</b>	537-55-3
<b>Molecular Formula</b>	C <sub>11</sub> H <sub>13</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	223.22
<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	≤ 10 ppm (as Pb)
<b>Arsenic (As<sub>2</sub>O<sub>2</sub>)</b>	≤ 2 ppm
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): ≤ 0.02% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): ≤ 0.02%
<b>Cation</b>	Ammonium (NH <sub>4</sub> <sup>+</sup> ): ≤ 0.02% Iron (Fe): ≤ 30 ppm
<b>pH</b>	2.0-3.0
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +46.5 ~ +49.0°
<b>Transmission</b>	≥ 98% (State of solution)
<b>Loss on Drying</b>	≤ 0.5%
<b>Related Substances</b>	L-Tyrosine: ≤ 1.0%
<b>Residue On Ignition</b>	≤ 0.1%
<b>Assay by titration</b>	≥ 99%
<b>Storage</b>	Store at RT

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**For Laboratory Use Only**