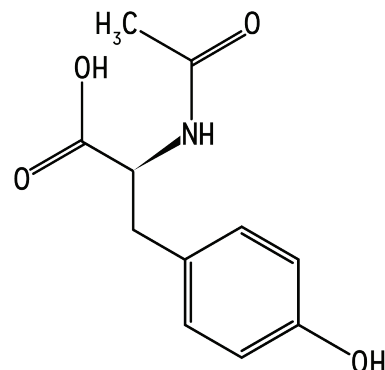


Product Specification

Product Name	N-Acetyl-L-Tyrosine
Compendia	EP
CAS #	537-55-3
Formula	C ₁₁ H ₁₃ NO ₄
Molecular Weight	223.23
Description	White crystals or crystalline powder; strongly acid taste.
Solubility	Freely soluble in water.
Identification	Compare the infrared absorption spectrum of the sample with that of the standard by potassium bromide disc method.



Test	Specification
Specific Rotation @ 20°C	+46.5 to +49.0°
State of Solution	Clear and Colorless; Not less than 98.0%
Chloride (Cl)	Not more than 0.020%
Ammonium (NH₄)	Not more than 0.02%
Sulfate (SO₄)	Not more than 0.020%
Iron (Fe)	Not more than 20ppm
Heavy Metals (Pb)	Not more than 10ppm
Arsenic (As₂O₃)	Not more than 2ppm
Related Substances	Not more than 0.80% of tyrosine; Not more than 0.10% of unspecified impurities; Not more than 1.0% of total
Loss of Drying	Not more than 0.50%
Residue on ignition (Sulfated)	Not more than 0.10%
Assay	99.0 to 101.0%
pH	2.0 to 3.0
Endotoxin	Less than 25.0EU/g