

宁波巍力生物科技有限公司

NINGBO WAYLEAD BIOTECHNOLOGY CO.,LTD.

TECHNICAL DATA SHEET

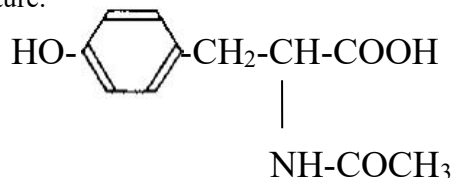
Products: N-Acetyl-L-Tyrosine

CAS# : 537-55-3

Molecular formula: $C_{11}H_{13}NO_4$

Molecular weight: 223.23g/mol

Structure:



SPECIFICATION:

Infrared Spectrum	Compares to standard	Qualified
Appearance	White crystals or crystalline powder	Qualified
Specific rotation $[a]_D^{20}$	+46.5~+49.0	+48.1°
State of solution	≥96.0%	97.0%
Chloride(Cl)	≤0.02%	Qualified
Ammonium(NH ₄)	≤0.02%	Qualified
Sulfate(SO ₄)	≤0.02%	Qualified
Iron(Fe)	≤30PPm	Qualified
Tyrosine	≤1.0%	Qualified
Loss on drying	≤0.5%	0.36%
Residue on ignition	≤0.1%	0.08%
Assay	99.0~101.0%	99.3%
PH	2.0-3.0	2.4%

Physical description:

Appearance: White crystals or crystalline powder , strongly acid taste.

freely soluble in water

Solubility (H₂O g/100g): 17.5(20°), 72.4(40°), 158(60°)

Shelf life: two years

Function: It is normally used for food additive.

Packing and storage:

25kg paper drums/bags , with 2 pieces polyethylene intermediate layer. It should be stored in dry, normal room temperature condition and no direct sunshine.