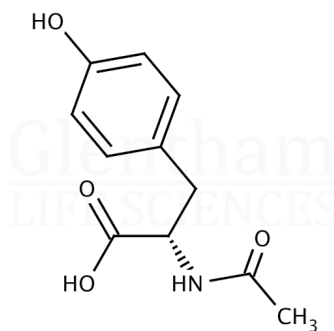


Certificate of Analysis

Product Name N-Acetyl-L-tyrosine
Glentham Code GM0216
CAS Number 537-55-3
EINECS 208-671-3
MDL Number MFCD00037190
PubChem SID 310265745
Batch Number 900PUP

Molecular Weight 223.23
Molecular Formula $C_{11}H_{13}NO_4$
Storage Temp. +20°C



Property	Specification	Batch 900PUP
Physical Description	White to off-white powder	Off-white Powder
Specific Optical Rotation	+46.5 - 49.0 °	+48.7 °
Chloride (Cl)	≤ 0.02%	≤ 0.02%
Ammonium (NH ₄)	≤ 0.02%	≤ 0.02%
Sulphate (SO ₄)	≤ 0.02%	≤ 0.02%
Iron (Fe)	≤ 30ppm	≤ 10ppm
Tyrosine	≤ 1.0%	0.35%
pH	2.0 - 3.0	2.6
Loss on Drying	≤ 0.5%	0.2%
Residue on Ignition	≤ 0.1%	0.07%
Lead (Pb)	≤ 3ppm	≤ 0.2ppm
Arsenic (As)	≤ 1ppm	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm	≤ 0.1ppm
Cadmium (Cd)	≤ 1ppm	≤ 0.05ppm
Assay	99.0 - 101.0 %	99.6%

Specification Version v1.0
Manufacture Date 2021-09-28
Re-Test Date 2029-04-26

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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