

Certificate of Analysis

Date of Testing: 2024-12-17 10:46:14

Date of Next Testing: 2028-12-16 10:46:14

Product Name: **N-Acetyl-L-tyrosine ethyl ester monohydrate**

CAS Number: 36546-50-6

Specifications & Purity: $\geq 98\%$

Lot #: B2105077

SKU #: **A117206**

Version: **1**

Analysis #: **450536**

Storage Temperature: Store at -20°C, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	3.4-8 (%)	3.43 %
Purity(HPLC)	98-100 (%)	98.40300 %
Specific Rotation $[\alpha]_{24/D}^{c=1}$ in EtOH	22-24 (°)	22.53°
Melting point	80-81 (°C)	80.11990 °C
Appearance (A117206)	white powder	White powder
Solubility in EtOH , Colorless clear to very slightly hazy, 50mg/ml	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager