

Analytical Data Sheet

Lot number **1000046793**
not for drug use

Product Ac-Tyr-OH
Product number **4026352.0025**
Molecular formula $C_{11}H_{13}NO_4$
Relative molecular mass 223.23

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	C-Value 59.3% H-Value 5.9% N-Value 6.3%
Identification (TLC)	complies with authentic material
Melting point	152°C
Specific optical rotation	$[\alpha]_D^{24} = +46.0^\circ$ (1% in water)
Enantiomer content (GC)	<0.1% D-Enantiomer
Other amino acids (GC)	<0.3%
Water content (KF volumetric)	0.1%

Latest update: March 11, 2021

Analytical Data Sheet
Lot number **1000046793**