

## Analytical Data Sheet

Lot number **1000028191**  
not for drug use

Catalog number **E-1240.0100**  
Product number **4026352.0100**  
Product **Ac- Tyr- OH**  
Molecular formula **C<sub>11</sub>H<sub>13</sub>NO<sub>4</sub>**  
Relative molecular mass **223.23**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 59.2% C = 59.3% H = 5.9% H = 5.9% N = 6.3% N = 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: February 06, 2020

**Analytical Data Sheet**  
Lot number **1000028191**