

Analytical Data Sheet

Lot number **1069133**
not for drug use

Catalog number **F-4295.1000**
Product number **4080618.1000**
Product **H- D- Glu(OtBu) - NH₂ · HCl**
Molecular formula **C₉H₁₈N₂O₃ · HCl**
Relative molecular mass **238.71**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colourless solution
Identification (TLC)	complies with authentic material
Melting point	211 °C
Specific optical rotation	$[\alpha]_D^{25} = -15.4^\circ$ (1% in methanol)
Purity (TLC)	> 99.5%
TLC conditions	chloroform/methanol/acetic acid 32% 5/3/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11
Enantiomer content (chiral chromatography)	< 0.1% L-enantiomer
Water content (KF volumetric)	0.1%
Chloride content (titration)	14.7% (0.1m AgNO ₃)

Latest update: December 20, 2016

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