

Analytical Data Sheet

Lot number **1069753**
not for drug use

Catalog number **F-1550.0025**
Product number **4030628.0025**
Product **H- D- Glu- OH**
Molecular formula **C₅H₉NO₄**
Relative molecular mass **147.13**

Tests	Results
Appearance	white powder
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -30.9^\circ$ (5 % in 1 N HCl)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Enantiomer content (GC)	0.3% L-Enantiomer
Other amino acids (GC)	< 0.3%
Assay (elemental analysis)	100.5% (Nth:9.52%, Nfd:9.57%)

Latest update: January 30, 2017

Analytical Data Sheet
Lot number **1069753**