

## Analytical Data Sheet

Lot number **1000015783**  
not for drug use

Catalog number **Q-1725.0250**  
Product number **4027708.0250**  
Product **H- Asn(GlcNAc- β- D) - OH**  
Molecular formula  $C_{12}H_{21}N_3O_8$   
Relative molecular mass 335.31

Tests	Results
Appearance	white powder
Appearance of solution	clear, slightly yellow solution (50 mg/mL in 80% AcOH)
Identification (ESI-MS)	m = 335.1u (monoisotopic mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	96.3% (Nth 12.53%; Nfd 12.07%)
Water content (KF volumetric)	1.8%

Latest update: May 10, 2019

**Analytical Data Sheet**  
Lot number **1000015783**