

Analytical Data Sheet

Lot number **1055956**
not for drug use

Catalog number **C-3370.0005**
Product number **4014944.0005**
Product **Z- Asn(Trt) - OH**
Molecular formula $C_{31}H_{28}N_2O_5$
Relative molecular mass 508.57

Tests	Results
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/toluene/H ₂ O 8/8/8/1 ethylacetate/pyridine/acetic acid/H ₂ O 60/10/3/4 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.1% (Cth 73.21 %, Cfd 72.56 %)
Assay (titration)	100.3% (TBAH)
Water content (KF volumetric)	0.6%