

Analytical Data Sheet

Lot number

1040061

not for drug use

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|--------------------------------|---|
| Catalog Number | C-3370.0025 |
| Product number | 4014944.0025 |
| Product | Z- Asn(Trt) - OH |
| Molecular formula | C ₃₁ H ₂₈ N ₂ O 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% |
| Latest update: December 22, 2011 | Analytical Data Sheet Lot number 1040061 |