

Analytical Data Sheet

Lot number **1000018333**
not for drug use

Catalog number **G-3275.0250**
Product number **4009517.0250**
Product **H- Thr- Asp- OH**
Molecular formula **C₈H₁₄N₂O₆**
Relative molecular mass **234.21**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in AcOH 80 %) (warmed)
Identification (ESI-MS)	m = 234.0u (average mass)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 95%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	98.8% (Nth 11.96 %, Nfd 11.82 %)
Water content (KF volumetric)	0.6%

Latest update: July 09, 2019

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