

Analytical Data Sheet

Lot number **1072868**
not for drug use

Catalog number **G-3290.0001**
Product number **4002269.0001**
Product **H- Thr- Met- OH**
Molecular formula **C₉H₁₈N₂O₄S**
Relative molecular mass **250.32**

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH 50 %)
Identification (FAB-MS)	[M + H] ⁺ : m/z = 251 u
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	83% (Nth 11.19 %, Nfd 9.33 %)
Water content (KF volumetric)	1.3%
General comment	this product contains HCOOH

Latest update: August 02, 2017

Analytical Data Sheet
Lot number **1072868**