

Analytical Data Sheet

Lot number **1063848**
not for drug use

Catalog number **E-2415.0005**
Product number **4002918.0005**
Product **Tfa- Gly- OH**
Molecular formula **C₄H₄F₃NO₃**
Relative molecular mass **171.08**

Tests	Results
Appearance	white crystals
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 28.1% C = 28.1% H = 2.4% H = 2.5% N = 8.2% N = 8.1%
Identification (TLC)	complies with authentic material
Melting point	119 °C
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 60/45/14/6 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, IRH
Assay (elemental analysis)	100.1% (Cth 20.08%, Cfd 28.10%)

Latest update: January 22, 2016

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