

Analytical Data Sheet

Lot number **1000005958**
not for drug use

Catalog number **E-1060.0001**
Product number **4000182.0001**
Product **Ac- Gly- NHMe**
Molecular formula $C_5H_{10}N_2O_2$
Relative molecular mass 130.15

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)								
Identification (elemental analysis)	<table><thead><tr><th>Theory</th><th>Found</th></tr></thead><tbody><tr><td>C = 45.89 %</td><td>C = 45.82 %</td></tr><tr><td>H = 7.76 %</td><td>H = 7.70 %</td></tr><tr><td>N = 21.41 %</td><td>N = 21.42 %</td></tr></tbody></table> <p>calc. as x 0.04 H₂O (0.55 %)</p>	Theory	Found	C = 45.89 %	C = 45.82 %	H = 7.76 %	H = 7.70 %	N = 21.41 %	N = 21.42 %
Theory	Found								
C = 45.89 %	C = 45.82 %								
H = 7.76 %	H = 7.70 %								
N = 21.41 %	N = 21.42 %								
Identification (TLC)	conforms with authentic material								
Melting point	159 °C								
Purity (TLC)	> 99%								
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid(98-100%)/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine								
Water content (KF volumetric)	0.4%								

Latest update: September 13, 2018

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