

Analytical Data Sheet

Lot number **1000016334**
not for drug use

Catalog number **F-1810.0005**
Product number **4008387.0005**
Product **H- α - Me- DL- Trp- OH**
Molecular formula **C₁₂H₁₄N₂O₂**
Relative molecular mass **218.26**

Tests	Results								
Appearance	white powder								
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH 50 %)								
Identification (elemental analysis)	<table border="0"> <tr> <td>Theory</td> <td>Found</td> </tr> <tr> <td>C = 64.83 %</td> <td>C = 64.64 %</td> </tr> <tr> <td>H = 6.61 %</td> <td>H = 6.78 %</td> </tr> <tr> <td>N = 12.50 %</td> <td>N = 12.32 %</td> </tr> </table> <p>calc. as x 0.15 H₂O (1.2 %) x 0.1 MeOH (1.4 %)</p>	Theory	Found	C = 64.83 %	C = 64.64 %	H = 6.61 %	H = 6.78 %	N = 12.50 %	N = 12.32 %
Theory	Found								
C = 64.83 %	C = 64.64 %								
H = 6.61 %	H = 6.78 %								
N = 12.50 %	N = 12.32 %								
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 32% 5/3/1 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine, FeCl ₃								
Assay (elemental analysis)	96.0% (Nth 12.84 %, Nfd 12.32 %)								
Water content (KF coulometric)	0.6%								
Residual organic solvents (GC)	1.82% MeOH 0.02% EtOAc 0.05% EtOH								

Latest update: May 22, 2019

Analytical Data Sheet
Lot number **1000016334**