

Analytical Data Sheet

Lot number **1000006846**
not for drug use

Catalog number **G-2335.0250**
Product number **4001351.0250**
Product **H- His- Pro- OH hydrochloride salt**
Molecular formula **C₁₁H₁₆N₄O₃**
Relative molecular mass **252.27**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in acetic acid 80%)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 95%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	66.4% (Nth 22.21%, Nfd 14.75%)
Water content (KF volumetric)	1.3%
Residual organic solvents (GC)	ethanol 2.0% ethylacetate 10.6% toluene < 0.1%
Chloride content (titration)	19.4%

Latest update: October 02, 2018

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