

Analytical Data Sheet

Lot number **1063992**
not for drug use

Catalog number **G-4185.0250**
Product number **4003035.0250**
Product **H- His- Pro- NH₂ · 2 HBr**
Molecular formula **C₁₁H₁₇N₅O₂ · 2 HBr**
Relative molecular mass **413.11**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Purity (TLC)	> 97%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 chloroform/methanol/toluene/H ₂ O 8/8/8/1 plate: silicagel 60 F ₂₅₄ detected by: UV, Pauly
Assay (elemental analysis)	56.4% (Nth 27.87 %, Nfd 15.72 %)
Water content (KF volumetric)	1.5%
Residual organic solvents (GC)	6.2% ethanol
Bromide content (titration)	35.9% (AgNO ₃)
General comment	product is hygroscopic

Latest update: February 02, 2016

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