

Analytical Data Sheet

Lot number **1000000647**
not for drug use

Catalog number **E-1560.0005**
Product number **4010041.0005**
Product **H- His(Bzl) - OMe · 2 HCl**
Molecular formula **C₁₄H₁₇N₃O₂ · 2 HCl**
Relative molecular mass **332.23**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 ethylacetate/pyridine/acetic acid/H ₂ O 60/30/9/16.5 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	69.3% (Nth 16.20 %, Nfd 11.23%)
Water content (KF volumetric)	0.5%
Residual organic solvents (GC)	11.3% Toluene
Chloride content (titration)	19.0% (AgNO ₃)

Latest update: June 07, 2018

Analytical Data Sheet
Lot number **1000000647**