

# Analytical Data Sheet

Lot number

**1010608**

not for drug use

<b>Catalog Number</b>	G-4185.1000
<b>Product number</b>	4003035.1000
<b>Product</b>	H- His- Pro- NH <sub>2</sub> · 2 HBr
<b>Molecular formula</b>	C <sub>11</sub> H <sub>17</sub> N <sub>5</sub> O <sub>2</sub> · 2 HBr
<b>Relative molecular mass</b>	413.11

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol)
<b>Purity (TLC)</b>	> 97%
<b>TLC conditions</b>	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 chloroform/methanol/toluene/H <sub>2</sub> O 8/8/8/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, Pauly
<b>Assay (elemental analysis)</b>	56.4% (Nth 27.87 %, Nfd 15.72 %)
<b>Water content (KF volumetric)</b>	1.5%
<b>Residual organic solvents (GC)</b>	6.2% ethanol
<b>Bromide content (titration)</b>	35.9% (AgNO <sub>3</sub> )
<b>General comment</b>	product is hygroscopic
Latest update: October 24, 2008	

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