

# Analytical Data Sheet

Lot number

## 1029313

not for drug use

<b>Catalog Number</b>	G-4190.0250
<b>Product number</b>	4016384.0250
<b>Product</b>	H- Lys- Pro- OH hydrochloride salt
<b>Molecular formula</b>	C <sub>11</sub> H <sub>21</sub> N <sub>3</sub> O <sub>3</sub>
<b>Relative molecular mass</b>	243.31

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/mL in water)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 n-butano/acetic acid/H <sub>2</sub> O 4/2/2 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	61.4% (Nth 17.27%, Nfd 10.60%)
<b>Water content (KF volumetric)</b>	1.8%
<b>Residual organic solvents (GC)</b>	dioxane 7.9% ethylacetate 4.3%
<b>Chloride content (titration)</b>	19.4%
<b>General comment</b>	hygroscopic product

Latest update: April 09, 2010

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