

# Analytical Data Sheet

Lot number

## 1017613

not for drug use

<b>Catalog Number</b>	F-3380.1000
<b>Product number</b>	4026396.1000
<b>Product</b>	H- $\beta$ - Chloro- Ala- NHOH hydrochloride salt
<b>Molecular formula</b>	C <sub>3</sub> H <sub>7</sub> ClN <sub>2</sub> O <sub>2</sub>
<b>Relative molecular mass</b>	138.55

Tests	Results
<b>Appearance</b>	white product
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in methanol 50 %)
<b>Identification (FAB-MS)</b>	[M + H] <sup>+</sup> : m/z = 139 u
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/methanol/acetic acid/H <sub>2</sub> O 60/45/14/6 chloroform/methanol 8/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> detected by: ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	73% (Nth 20.22 %, Nfd 14.73 %)
<b>Residual organic solvents (GC)</b>	2.7% ethylacetate
<b>Chloride content (titration)</b>	19.7% (AgNO <sub>3</sub> )
Latest update: January 21, 2010	<b>Analytical Data Sheet</b> Lot number 1017613