

# Analytical Data Sheet

Lot number

**1014756**

not for drug use

<b>Catalog Number</b>	F-1460.1000
<b>Product number</b>	4001699.1000
<b>Product</b>	H- β- Cyano- Ala- OH
<b>Molecular formula</b>	C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> O <sub>2</sub>
<b>Relative molecular mass</b>	114.10

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (10 mg/ml in water)
<b>Identification (TLC)</b>	complies with authentic material
<b>Purity (TLC)</b>	> 95%
<b>TLC conditions</b>	isopropanol/ammonia conc. 1/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 n-butanol/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>	100.0% (Nth 24.55 %, Nfd 24.54 %)
Latest update: October 24, 2008	

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