

# Analytical Data Sheet

Lot number

**1037311**

not for drug use

<b>Catalog Number</b>	G-3175.0250
<b>Product number</b>	4009225.0250
<b>Product</b>	H- Ser- Asp- OH
<b>Molecular formula</b>	C <sub>7</sub> H <sub>12</sub> N <sub>2</sub> O <sub>6</sub>
<b>Relative molecular mass</b>	220.18

Tests	Results
<b>Appearance</b>	white crystals
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in H <sub>2</sub> O)
<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 plate: silicagel 60 F <sub>254</sub> detected: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	92.0% (Nth 12.72 %, Nfd 11.706 %)
<b>Water content (KF volumetric)</b>	7.9%
<b>General comment</b>	product is supplied as hydrate (th: 7.6 % water)
Latest update: June 21, 2011	

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