

## Analytical Data Sheet

Lot number **1065865**  
not for drug use

Catalog number **F-2530.0250**  
Product number **4015721.0250**  
Product **H-  $\beta$ - Fluoro- DL- Ala- OH**  
Molecular formula **C<sub>3</sub>H<sub>6</sub>FNO<sub>2</sub>**  
Relative molecular mass **107.09**

Tests	Results
Appearance	slightly beige crystals
Appearance of solution	clear, colorless solution (25 mg/mL in acetic acid 80%)
Identification (elemental analysis)	Theory Found C = 33.7% C = 33.5% H = 5.7% H = 5.5% N = 13.1% N = 13.0%
Identification (TLC)	complies with authentic material
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.2% (Nth 13.08%, Nfd 12.98%)
Water content (KF volumetric)	0.2%

Latest update: May 18, 2016

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