

## Analytical Data Sheet

Lot number **1074834**  
not for drug use

Catalog number **H-3500.0001**  
Product number **4008279.0001**  
Product **Amyloid  $\beta$ - Protein (37- 39)**  
H- Gly- Gly- Val- OH  
Molecular formula **C<sub>9</sub>H<sub>17</sub>N<sub>3</sub>O<sub>4</sub>**  
Relative molecular mass **231.25**

Tests	Results
Appearance	white product
Appearance of solution	clear, colorless solution (50 mg/ml in water)
Identification (elemental analysis)	Theory Found C = 40.44 % C = 40.68 % H = 7.92 % H = 7.55 % N = 15.72 % N = 15.67 %  calc. as 2 H <sub>2</sub> O (13.5 %)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
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: ninhydrin, chlorine-tolidine
Water content (KF volumetric)	13.8%

Latest update: December 14, 2017

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