

## Analytical Data Sheet

Lot number **1000008907**  
not for drug use

Catalog number **K-1225.0001**  
Product number **4030540.0001**  
Product **(H- Cys-  $\beta$ NA)<sub>2</sub>**  
**(Disulfide bond)**  
Molecular formula **C<sub>26</sub>H<sub>26</sub>N<sub>4</sub>O<sub>2</sub>S<sub>2</sub>**  
Relative molecular mass **490.65**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in acetic acid 80 %)
Identification (elemental analysis)	Theory Found C = 63.65 % C = 63.96 % H = 5.34 % H = 5.47 % N = 11.42 % N = 11.50 %
Melting point	172 °C
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/30/9/16.5 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	0.2%

Latest update: November 14, 2018

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