

## Analytical Data Sheet

Lot number **1000027059**  
not for drug use

Catalog number **G-2130.0001**  
Product number **4001866.0001**  
Product **H- Gly- Hyp- OH**  
Molecular formula **C<sub>7</sub>H<sub>12</sub>N<sub>2</sub>O<sub>4</sub>**  
Relative molecular mass **188.18**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in water)
Identification (elemental analysis)	Theory Found C = 44.68 % C = 44.59 % H = 6.43 % H = 6.49 % N = 14.89 % N = 14.83 %
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H <sub>2</sub> O 4/2/2 methanol/chloroform/ammonia 17% 2/2/1 ethylacetate/pyridine/acetic acid/H <sub>2</sub> O 60/60/12/36 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
Assay (titration)	100.0% (HClO <sub>4</sub> )

Latest update: January 10, 2020

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