

**MP Biomedicals, LLC**29525 Fountain Parkway  
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## Certificate of Analysis

**Product Description:** Glycylglycine, free base  
**Catalog Number:** 101856  
**Lot:** QR11056

**Formula:** C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>3</sub>  
**CAS #:** 556-50-3  
**Physical Description:** White Powder

**Formula Weight:** 132.1  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	5.0 - 6.0	5.80

Solubility (c=5, water): Clear and Colorless

Loss on Drying: 0.00%

Residue on Ignition (as Sulfate): 0.01%

Chloride (Cl): <0.02%

Sulfate (SO<sub>4</sub>): <0.02%

Heavy Metals (as Pb): <10 ppm

Iron (Fe): <10 ppm

Ammonium Salts (NH<sub>4</sub>): <0.02%

Arsenic (As): <1 ppm

Other Amino Acids: Not Detected by TLC (The spotted amount, 50 µg)

Assay: 99.9%

Recommended Retest Date: 09/01/2018



09/02/2015 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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