

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

**Product Description:** DL-alpha-Amino-n-butyric Acid  
**Catalog Number:** 100430  
**Lot:** QR11799

**Formula:** C<sub>4</sub>H<sub>9</sub>NO<sub>2</sub>  
**CAS #:** 2835-81-6  
**Physical Description:** White Powder

**Formula Weight:** 103.1  
**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Assay: 100.3%  
Loss on Drying: 0.75%  
Residue on Ignition: 0.00%  
Chloride: ≤0.03%  
Sulfate: ≤0.03%  
Heavy Metals: ≤10 ppm  
Iron: ≤10 ppm  
Ammonium Salts: ≤0.02%  
Arsenic: ≤1 ppm  
Other Amino Acids: not detected by TLC  
Recommended Retest Date: 01/07/2018



01/14/2016 - John Huang, PhD  
MP Biomedicals, LLC.  
Quality Control Manager

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