

Certificate of Analysis

Product Description: beta-Alanine
Catalog Number: 100929
Lot: Q4746

Formula: C₃H₇NO₂
CAS #: 107-95-9
Physical Description: White Crystalline Powder

Formula Weight: 89.09
Storage: Room Temperature

Test	Specification	Results
Identity Test	Passes	Passes
Purity	≥98%	98.1 % (anhydrous basis, titration)
FTIR	Conforms to Standard	Conforms to Standard
Loss on Drying	≤0.6%	0.16 %
Ammonia	≤0.1%	<0.020%
Chloride	≤0.05%	<0.040%
Residue on Ignition	≤0.2%	0.09 %
Sulfates	≤0.05%	<0.048 %

Arsenic (As₂O₂): <2 ppm:
 Heavy Metal: <10 ppm
 Iron (Fe): <30 ppm
 pH: 6.6
 Transmission: 98.1%
 Other Amino Acids: Chromatographically not detectable
 State of solution: 98.5 %
 Recommended Retest Date: 03/01/2018



08/03/2016 - John Huang, PhD
 MP Biomedicals, LLC.
 Quality Control Manager

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