



Certificate of Analysis

Product Name: CarnoSyn® Beta-Alanine

Lot No: 226209

Manufacturing Date: June 9, 2022

Product Number: R-B139BA

Country of Origin: Japan

Expiration Date: June 8, 2025

ANALYTICAL	SPECIFICATIONS	Results
Particle size	Target: 80 % through US 20 mesh NLT 70 % through US 20 mesh	Conforms
Appearance	White crystalline powder	Conforms
Identification	Conforms with FT-IR	Conforms
Assay	98.0 % – 101.0 %	100.0 %
Loss on Drying	NMT 0.5 %	0.0 %
Residue on Ignition	NMT 0.2 %	0.0 %
Chloride	NMT 0.002% (20 ppm)	NMT 20 ppm
Sulfate	NMT 0.05% (500 ppm)	NMT 0.05%
Ammonium	NMT 0.05% (500 ppm)	NMT 0.05%
Total Plate Count	NMT 1,000 cfu/g	NMT 1,000 cfu/g*
Yeast & Mold	NMT 100 cfu/g	NMT 100 cfu/g*
E. Coli	Negative/10 g	Negative/10 g*
Salmonella	Negative/10 g	Negative/10 g*
Staphylococcus Aureus	Negative/10 g	Negative/10 g*
Heavy Metals	NMT 10 ppm	NMT 10 ppm**
Lead	NMT 1 ppm	NMT 1 ppm**
Arsenic	NMT 0.1 ppm	NMT 0.1 ppm**
Mercury	NMT 1 ppm	NMT 1 ppm**
Cadmium	NMT 1 ppm	NMT 1 ppm**

*tests performed every 10 lots

** tests performed every campaign production

Natural Alternatives International (NAI) is the owner of patents as listed on www.carnosyn.com and registered trademark CarnoSyn®. This Certificate of Analysis reflects results reported by our supplier and/or independent laboratory.



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