



Shaanxi LonierHerb Bio-Technology Co., Ltd.

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Certificate of Analysis

Product Name	3-hydroxybutyrate calcium(BHB Calcium)		
Batch No.	20201227	Packaging	25kg/drum
CAS No.	51899-07-1	Molecular Formula	C8H14CaO6
Quantity	1000 kg	Country of origin	China
Manufacture Date	Apr.27.2020	Expiry Date	Apr.26.2022

Item	Specification	Result
Assay (BHB-Ca)	NLT 98.0% (On dried basis)	99.34%
BHB	81.0%~86.0% (On dried basis)	83.18%
Ca	15.0%~17.0%(On dried basis)	16.1%
Physical Control		
Appearance	Off White crystalline powder	Conform
Odor & Taste	Characteristic	Conform
Particle Size	NLT 98% Through 80 mesh	Conform
Loss on drying	NMT 5.0%	0.9%
Chemical Control		
Total Heavy Metal	NMT 10 ppm	Conform
Lead(Pb)	NMT 3 ppm	Conform
Arsenic(As)	NMT 1.5 ppm	Conform
Mercury (Hg)	NMT 0.5 ppm	Conform
Cadmium (Cd)	NMT 1 ppm	Conform
Microbiological Tests		
Total Plate Count	NMT 1000 cfu/g	Conform
Yeast & Mold	NMT 100 cfu/g	Conform
E. Coli.	Negative	Conform
Salmonella	Negative	Conform
Stahylococcus aureus	Negative	Conform
Pseudomona aeruginosa	Negative	Conform

Tested by:

张丽娟

Approved:

