

2HMB
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CERTIFICATE OF ANALYSIS



Partners in Innovation



Calcium 3-Hydroxy 3-Methyl Butyrate(HMB), Monohydrate

Item No.	HMB001	Mfg Date	May 14, 2022
Lot No.	HM20220529	Retest Date	May 13, 2025

Item	Method	Specification	Results
Physical Properties	Appearance	Visual	White powder
	Bulk Density	USP<616>	NLT 0.55 g/ml
	Tap Density	USP<616>	NMT 0.90 g/ml
	Particle Size	USP<786>	100% through USS#20 (850 micron)
Analytical	CaHMB	HPLC	98.0-103.0%
	HMB	HPLC	77.0-82.0%
	Dimethylacrylic acid	HPLC	NMT 150 ppm
	Calcium (Ca ²⁺)	USP<541>	13.0-15.0%
	Acetate	HPLC	NMT 1.0%
	Moisture	USP<921 I>	5.0-7.5%
	Arsenic (As)	USP<730>/USP<852>	NMT 1.00 ppm
	Lead (Pb)	USP<730>/USP<852>	NMT 1.00 ppm
Microbial	Total Aerobic	USP<61>	NMT 1,000cfu/g
	Yeast & Mold	USP<61>	NMT 100cfu/g
	E. coli	USP<62>	Negative
	Salmonella	USP<62>	Negative

Prepared by Shan Liu

Approved by Lisa M Date May 30, 2022
Quality Manager

Manufacturer: TSI Group Co., Ltd.
Manufacturer Address: 2 Jinxiu Road, Shizhuang, Huangtu Town, Jiangyin, Jiangsu Province, China

REVIEWED

QA/QC: FB DATE: 8/10/22

John C. Fuller, Jr. Date: 11-Jun-2022

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