



SPECIFICATION

HMB015.1

Rev 2



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

	Item	Method	Specification
Physical Properties	Appearance	Visual	White powder
	Bulk density	Loose fill	NLT 0.42 g/ml
	Tap density	Tapped	NLT 0.65 g/ml
	Particle size	Ro tap	100% through USS#20 (850 micron)
Analytical	CaHMB	HPLC	97.0-103.0%
	HMB	HPLC	77.0-82.0%
	Dimethylacrylic acid	HPLC	NMT 15 ppm
	Calcium (Ca ²⁺)	Titration	13.0-15.0%
	Acetate	HPLC	NMT 1%
	Moisture	USP<921 I >	3.0-7.5%
	Arsenic (As)	ICP/AA	NMT 1.00 ppm
	Lead (Pb)	ICP/AA	NMT 1.00 ppm
Microbial	Total aerobic	USP<61>	NMT 1,000 cfu/g
	Yeast & Mold	USP<61>	NMT 100 cfu/g
	<i>Salmonella</i>	USP<62>	Negative
	<i>E. coli</i>	USP<62>	Negative
	<i>Coliforms</i>	In house	Negative
	Other	Retest date	When the product is stored in unopened containers, the retest date of this product should not exceed three years from the date of manufacture.
Shipping information		Available in 25kg single poly and aluminium foil-lined fiber drums.	

The information presented herein is based on our best knowledge and believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. TSI Group shall not be held liable for any damage resulting from handling or from contact with the specified product.

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