

# SPECIFICATION

HMB004J

Rev 1

## £ -Hydroxy- £ -MethylButyric Acid (HMB)

	Item	Method	Specification
<b>Physical Properties</b>	Appearance	Visual	A colourless to light yellow viscous liquid.
<b>Analytical</b>	£ -Hydroxy- £ -MethylButyric acid	HPLC	97.0-103.0%
	Dimethylacrylic acid	HPLC	NMT 150 ppm
	Ethyl acetate	GC	NMT 0.10%
	Ethanol	GC	NMT 0.07%
	Acetic acid (Acetate)	HPLC	NMT 2.0 %
	Density	Densimeter	1.00-1.20 g/cm <sup>3</sup>
	pH	USP<791>	NMT 3.00
	Water	USP<921>	NMT 2.0 %
	Pb	USP<852>/<730>	NMT 1.00 ppm
	As	USP<852>/<730>	NMT 1.00 ppm
<b>Microbial</b>	TAMC	USP<61>	NMT 1,000 cfu/g
	TYMC	USP<61>	NMT 100 cfu/g
	Salmonella	USP<62>	Negative
	E. coli	USP<62>	Negative
<b>Other</b>	Retest date	When the product is stored in unopened containers, the retest date of this product should be three years from the date of manufacture.	
	Shipping information	Available in 25 or 200 kg food approved, blue high density polyethylene 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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**£ -Hydroxy- £ -MethylButyric Acid  
(HMB)**

<b>TSI Approval</b>	Authored by/ Date Katherine Bao/Feb. 27, 2018	Approved by/ Date
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<b>Customer Approval</b>	Approved by / Date	Company Name
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<b>Change Table</b>	
Revision No.	Change History
1.	New spec.

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