

Certificate of Analysis

Product Name	Calcium Beta Hydroxy-Beta-Methylbutyrate (HMB-CA)		
Lot No.	KT20260625	Batch Quantity	1000 kg
Manufacture Date	2026/06/25	Report Date	2026/07/11
Expiry Date	2026/06/24	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results
β -hydroxyl- β -methylbutyric acid	77%~82%	82.5%
Calcium	12%~16%	13.8%
Total Content (Dry basic)	HMB-CA $\geq$ 99.0%	100.00%
Appearance	White powder	White powder
Loss on Drying	5.0%~7.5%	6.36%
2-hydroxy-3-methyl-2-butenic acid	$\leq$ 8.0%	0.8%
2,3-Dihydroxy-3-methylbutyric acid	$\leq$ 4.5%	2.4%
Heavy metals	$\leq$ 10 ppm	Conforms
Arsenic (As)	$\leq$ 1.0 ppm	0.012ppm
Lead (Pb)	$\leq$ 1.0 ppm	0.0245ppm
Trichloromethane	$\leq$ 1.0 ppm	0.05ppm
Microbiological Quality(Total viable aerobic count)		
Total Plate Count	$\leq$ 1000 CFU/g	20 CFU/g
E.coli	$\leq$ 10 CFU/g	Negative
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from strong direct light.		
*shelf life: 2 years when stored properly		
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended. If accidentally instilled into the eyes, immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.		
Conclusion	Confirm to Specification and Standards.	

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