

BaseBulk

CERTIFICATE OF ANALYSIS

Product name	Calcium beta-hydroxy-beta-methyl butyrate
CAS No.	135236-72-5
Batch / Lot number	20250320
Batch quantity	5000 kg
Manufacture date	2025/3/20
Expire date	2028/3/19
Issue date	2025/3/21

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance (Visual)	White crystalline powder	Conforms
Odor & Taste (Organoleptic)	Characteristic	Conforms
Assay (Titration)	≥99%	100.67%
Particle size (80 Mesh Screen)	100% pass 80 mesh	Conforms
Content of calcium (EP)	13.6%–14.8%	14.68%
HMB purity (GC)	≥84%	85.55%
Solubility (EP)	Soluble in water	Conforms
Loss on drying (EP)	≤7.5%	5.22%
Bulk density (EP)	0.3–0.6 g/ml	Conforms

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals (Atomic Absorption)	NMT 10 ppm	<10 ppm
Lead (Pb) (Atomic Absorption)	NMT 3 ppm	<3 ppm
Arsenic (As) (Atomic Absorption)	NMT 1 ppm	<2 ppm
Mercury (Hg) (Atomic Absorption)	NMT 0.1 ppm	<0.1 ppm
Cadmium (Cd) (Atomic Absorption)	NMT 1 ppm	<1 ppm

Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count (CP2015)	NMT 10,000 CFU/g	<1,000 CFU/g
Total Yeast & Mold (CP2015)	NMT 100 CFU/g	<100 CFU/g
E. coli (CP2015)	Negative	Conforms
Salmonella (CP2015)	Negative	Conforms
Staphylococcus (CP2015)	Negative	Conforms

Packaging & Storage

Item	Details
Packaging	Pack in paper-drums and two food grade poly bags inside. Net weight: 25kg/drum
Storage	Store in a well closed place with constant low temperature and no direct sun light

Other

Item	Details
General Status	Non-GMO, Allergen Free, Non-Irradiation
Grade	Food grade