

Certificate of Analysis

Product Name	Beta Hydroxybutyrate(BHB)	Batch Number	GW20250106A
Quantity	1000kg	Manufacture Date	Jan. 06, 2025
Expiry Date	Jan. 05, 2027	Analysis Date	Jan. 06, 2025

Item of Analysis	Specification	Results	Test Methods
Assay	98.0%- 101.0%	99. 17%	Titration
Content of Calcium	15.5%- 17.5%	16.5%	USP
BHB	82.5%-84.5%	83.4%	GC
Appearance	White fine powder	Complies	Visual
Identification	NIR	Complies	USP
Solubility	Soluble in water	Complies	USP
Loss on Drying	≤4.0%	0.48%	USP
Heavy Metals	≤ 10ppm	Complies	USP
Lead	≤2ppm	Complies	USP
Arsenic	≤ 1ppm	Complies	USP
Mercury	≤0. 1ppm	Complies	USP
Cadmium	≤ 1ppm	Complies	USP
Microbiological Control			
Total Plate Count	≤ 1000cfu/g	≤500cfu/g	CP2015
Yeast & Mould	≤ 100cfu/g	≤50cfu/g	CP2015
E.Coli	Negative	Complies	CP2015
Salmonella	Negative	Complies	CP2015
Storage	Cool & dry place. Keep away from strong light and heat.		
Shelf	2 years when properly stored		