

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Beta Alanine
Batch Number	C22410042B2
Production Date	2024-10-04
Expiry Date	2027-10-03

Physical & Chemical Data

Analysis Item	Specification	Result
Appearance	White crystallization or crystalline powder	Complies
Assay	98.0–101.0%	99.2%
pH	6.5–7.5	7.15
Transmittance	≥95.0%	98.7%
Loss on Drying	≤0.20%	0.07%
Residue on Ignition	≤0.20%	0.13%
Chloride (Cl)	≤0.039%	Complies
Sulfates (SO ₄)	≤0.048%	Complies
Ammonium (NH ₄)	≤0.02%	Complies
Other amino acids	Not detectable	Not detected

Heavy Metals

Analysis Item	Specification	Result
Heavy Metals	≤10 ppm	<10 ppm
Iron (Fe)	≤30 ppm	<30 ppm
Lead (Pb)	≤1 ppm	<0.04 ppm
Arsenic (As)	≤1 ppm	<0.01 ppm
Mercury (Hg)	≤0.1 ppm	<0.01 ppm
Cadmium (Cd)	≤0.5 ppm	<0.003 ppm

Microbiological

Analysis Item	Specification	Result
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Total Plate Count	≤1000 CFU/g	<10 CFU/g
Moulds & Yeast	≤100 CFU/g	<10 CFU/g
E. coli	Negative CFU/g	Negative
Salmonella	Negative/25 g	Negative
Staphylococcus aureus	Negative/25 g	Negative

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