

Certificate of Analysis

Product Name:	BHB Potassium
Extraction Solvent(s):	Alcohol ≤0.5%
Country of Origin:	China
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Potassium Beta Hydroxybutyrate (BHB-K) (HPLC)	≥97%	97.06%
3-Hydroxybutyrate (BHB) (HPLC)	≥70%	70.06%
3-Hydroxybutyrate (Identification) (HPLC)	Positive	Conforms <Sample peak retention time compares positively to standard peak retention times within ± 10%>
Potassium (K) (ICP-MS)	27-28%	27.68%
Loss on Drying (USP<731>)	Report Only	1.21%
Aerobic Plate Count	≤1000 cfu/g	<20 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Negative/10g	Absent
<i>Staph aureus</i>	Negative	Absent
Yeast & Mold	≤100 cfu/g	<20 cfu/g
<i>Salmonella</i>	Negative/10g	Absent
<i>Pseudo. aeruginosa</i>	Negative	Absent
Conclusion (PureBulk):	This product conforms to standards	

The following information is an indirect translation of information provided from the Manufacturer's Certificate of Analysis, and should not be used solely as an instrument for strict quality control.

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White crystalline powder	Conforms
Specific Rotation [α] _{D25}	-12.0° ~ -17.0°	-13.02°
Heavy Metals	≤20 ppm	Conforms
Lead (Pb)	≤1 ppm	Conforms
Arsenic (As)	≤2 ppm	Conforms
Mercury (Hg)	≤0.2 ppm	Conforms
Cadmium (Cd)	≤0.3 ppm	Conforms
Conclusion (Manufacturer):	This product conforms to enterprise standards	

Additional Information: Non-Allergen || Melamine Free || Gluten Free || No Pesticides || BSE/TSE Free || GRAS- Yes || Vegetarian/Vegan || Sewer Sludge Used - No

Sterilization Method:	Non-EtO Non-Irradiation
Composition:	97-100% Potassium BHB
GMO Statement	Non-GMO
Storage Conditions:	Keep in sealed container under 25°C. Keep away from strong light, heat and moisture.

Purebulk.Inc verifies that the information contained herein is true and correct to the best of our knowledge.

Verified By: Candace Gibson

(This document was produced electronically and is valid without signature.)