

Certificate of Analysis

Product Name:	Calcium Carbonate (Mineral)
CAS No.:	471-34-1
Molecular Formula:	CaCO₃
Molecular Weight:	100.089
Raw Material:	Calcium Carbonate
Processing Method:	Synthetic
Residual Solvents:	None
Carrier:	None
Country of Origin:	China
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Loss on Drying (USP<731>)	≤2.0%	0.0682%
Calcium (Ca) (ICP-MS)	Report Only	39.90%
Calcium Carbonate CaCO ₃ (Dry Basis) (Titration)	98.00-100.5%	99.54%
Aerobic Plate Count	≤1000 cfu/g	<20 cfu/g
Coliforms	≤100 cfu/g	<20 cfu/g
<i>E. Coli</i>	Negative	Absent
<i>Staph aureus</i>	Negative	Absent
Yeast & Mold	≤100 cfu/g	<20 cfu/g
<i>Salmonella</i>	Negative	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
Description	White Powder	Conforms
Mesh Size 300	≥99%	99.9%
Density	Report Only	0.74 / 0.98 g/ml
Solubility	Pass the test	Conforms
Acid-insoluble substance	≤0.20%	0.12%
Iron (Fe)	≤0.1%	<0.1%
Heavy Metals	≤0.001%	<0.001%
Barium	Pass the test	Conforms
Lead (Pb)	≤1 ppm	<0.02 ppm
Arsenic (As)	≤1 ppm	0.091 ppm
Cadmium (Cd)	≤1 ppm	0.04 ppm
Mercury (Hg)	≤1 ppm	<0.003 ppm
(Limit of Fluoride)	≤0.005%	<0.005%
Organic volatile impurities	Meet the requirements	Conforms
Residual Solvents	Meet the requirements	Conforms
Magnesium and Alkali Salts	≤1.0%	0.6%
Solubility	Practically insoluble in water and ethanol; soluble in thin acetic acid	Conforms
Conclusion (Manufacturer):	This product conforms to USP standards	

Additional Information: Allergen Free || BSE/TSE Free || Melamine & Sulfite Free || Gluten Free || No Pesticides || GRAS || Vegetarian/Vegan || Sewer Sludge - No

Composition: Calcium Carbonate 100%

GMO Statement: Non-GMO

Sterilization Method: Non-Irradiated || Non-EtO

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: Ann Foote / Candace Gibson / Nicole Rammage

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