

Certificate of Analysis

Product Name:	Calcium Ascorbate
CAS#	5743-28-2
Relative Molecular Mass:	426.34 g/mol
Molecular Formula:	C₁₂H₁₄CaO₁₂•2H₂O
Starting Material(s):	Ascorbic Acid & CaCO₃ (source of Ascorbic Acid corn; no maize residual after process)
Country of Origin:	China
Batch Number:	Varies
Manufacture Date:	Varies
Retest Date:	Varies

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Calcium Ascorbate (USP)	98.00~100.5%	100.42%
Identification (IR) (FT-IR)	Positive	ID Confirmed
Aerobic Plate Count	≤100 cfu/g	Not Detected
Coliforms	Report Only	Not Detected
<i>E. Coli</i>	Negative	Absent
Staph aureus	Negative	Absent
Yeast & Mold	≤100 cfu/g	Not Detected
Salmonella	Negative	Absent
<i>Pseudo. aeruginosa</i>	Report Only	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 or slightly yellowish crystalline powder	Conforms
Specific Optical Rotation	+95° ~ +97°	+96.45°
PH(10% W/V)	6.8 ~ 7.4	7.23
Loss on Drying	≤0.10%	<0.02%
Heavy Metals (as Pb)	≤10 ppm	<10 ppm
Oxalate	Pass	Pass
Copper	≤5 ppm	<5 ppm
Iron	≤2 ppm	<2 ppm
Arsenic	≤3 mg/kg	<3 mg/kg
Fluoride	≤0.001%	<0.001%
Particle Size	Through sieve 20 mesh Through sieve 40 mesh Through sieve 60 mesh Through sieve 80 mesh Through sieve 100 mesh	100% 91.9% 70.3% 34.5% 5.4%
Conclusion (Manufacturer):	This product conforms to BP2016/USP39/FCC10/E302 standards	

Additional Information: Not an Allergen || BSE/TSE Free || Gluten Free || Vegan

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: Ann Foote / Candace Gibson

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