

Certificate of Analysis

Product Name: **Beta Carotene 1%**
 CAS No.: **7235-40-7**
 Molecular Mass: **536.85 g/mol**
 Country of Origin: **Germany**
 Batch Number: **Varies**
 Manufacture Date: **Varies**
 Retest Date: **Varies**

Test Results Obtained by PureBulk

ITEMS	SPECIFICATIONS	RESULTS
Beta Carotene (HPLC)	≥1%	1.35%
Loss on Drying (USP<731>)	≤5%	1.19%
Aerobic Plate Count	≤1000 cfu/g	30 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
Appearance	Fine, orange powder	Conforms
Fineness (Alpine)	100% pass through Mesh No. 20	100%
	≥95% passes through Mesh No. 60	100%
	≥85% Passes through Mesh No. 80	98%
Dispersibility in cold water	Satisfactory	Conforms
Color intensity of aqueous solution	A(1%, 1 cm) at the maximum: ≥25	28
Heavy Metals by ICP*		
Arsenic (As)	≤1.5 ppm	Conforms
Lead (Pb)	≤0.5 ppm	Conforms
Cadmium (Cd)	≤0.5 ppm	Conforms
Mercury (Hg)	≤0.1 ppm	conforms
Conclusion (Manufacturer):	This product conforms to enterprise standards	

*These tests are verified on random samples

Additional Information:

Non-Allergen

Composition:

Beta Carotene 1%
 Gum Acacia 30-35%
 Maltodextrin 30-35%
 Sucrose 10-20%
 Coconut Oil 10-20% (highly refined)
 Sodium Ascorbate <5%
 dl-alpha-Tocopherol <2%
 Silicon Dioxide <1%

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.)