



**SEAGRASS TECH PVT LTD.**  
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**Product Name: SeaCarotene® (Non GMO, In-Organic and Food Graded, 5-7.5% Betacarotene)**

**Manufacture Date: October, 2020 (Batch No: STPL/DS/10A/2020)**

**Country of Origin: India**

Parameter	Test Method	Specification	Analysis
Appearance	Visual	Orange to red Powder	Orange Powder
Protein	AOAC 968.06/945.18	>10%	35%
Beta Carotene	AOAC 955.10	>5%	5.5%
Chlorophyll	AOAC 20 <sup>th</sup> Edition 2016-942.04	0.25%	0.13%
Moisture	AOAC 925.10	<5%	4%
Ash	AOAC 923.03	<30%	25%
Particle Size	AOAC 973.03	100% pass through 80 mesh	Complies
<b>Heavy Metals</b>			
Arsenic as As	AOAC 993.14	<0.5 ppm	BDL
Lead as Pb	AOAC 993.14	<1 ppm	BDL
<b>Microbiological Analysis</b>			
Aerobic Plate Count	AOAC 966.23	<200,000 cfu/g	5700 cfu/g
<i>E. coli</i>	AOAC 991.14	Negative	Negative
<i>Salmonella sp.</i>	AOAC 998.09	Negative	Absent
<i>Staphylococcus aureus</i>	AOAC 975.55	Negative	Negative
Coliforms	AOAC 966.24	<10 cfu/g	<10 cfu/g
Yeast/Mold	AOAC 997.02	<500 cfu/g	<10 cfu/g

**BDL: Below Detection Limit**

**Storage:** Store in a cool dry place. Do not freeze. Keep away from strong, direct light!

**Shelf Life:** One Year when properly stored after opening the packing! (Comes with vacuum packing)

**Nutritional Value:**

Protein	35%
Fat	6%
Carbohydrates	21%
Calcium	350 mg/100 gm
Iron	86.42 mg/100 gm
Zinc	16 mg/100 gm
Magnesium	8.65 mg/100 gm
Potassium	187 mg/100 gm
Sodium	190 mg/100 gm

**Fatty Acid Profile:**

Tridecylic acid	39.63%
Myristic acid	0.90%
Pentadecylic acid	2.30%
Palmitic acid	6.04%
Margaric acid	0.09%
Stearic acid	31.54%
Behenic acid	2.43%
Arachidic acid	0.08%
Palmitoleic acid	0.83%
Oleic acid	6.93%
Arachidonic acid	0.11%
Erucic acid	9.12%

**Allergens:**

Common Preservatives	Free
Topical Antibiotic	Free
Nickel	Free
Gluten	Free
Soy	Free
Propylene Glycol	Free

**Approved by Technical Director:**  (Dr. D. Swaminathan)

**Date:** 15<sup>th</sup> October, 2020