

DELTA Δ ANALYTICAL

PRODUCT SPECIFICATION True Active™ FoodState® Beta-Carotene Product No. 100000

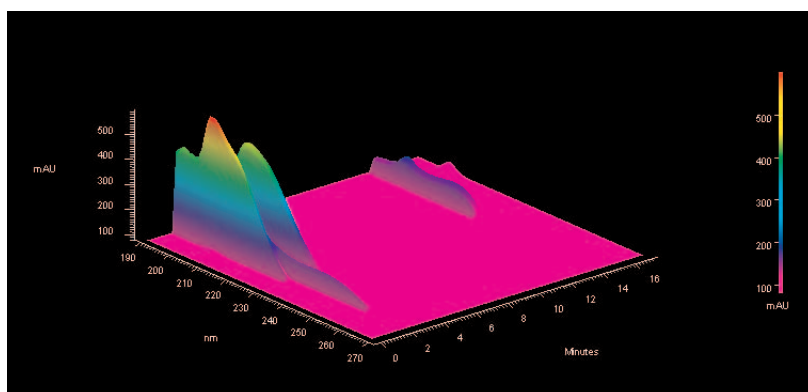
PRODUCT CHARACTERISTICS

Botanical Name
Plant Part
Description
Flavor
Preservatives

SPECIFICATION

Daucus sativus
Root of *Daucus sativus*
Fresh/Frozen Carrot
Typical of fresh carrot
None

3D Peptide View



Finished Raw Material



PHYSICAL DATA

Particle Analysis
Residual Moisture
Bulk Density (Tapped)

METHOD

Sieve analysis
Thermogravimetric
USP28<616>

SPECIFICATION

75% through a U.S. #40 Screen
3.5 ± 1.5%
0.60 ± 0.10 g/mL

NUTRITION INFORMATION

Beta-Carotene
Containing Beta-Carotene (cis-, trans-, and di-cis- beta-carotenes),
Alpha-Carotene, Cryptoxanthin, Zeaxanthin, Lutein.

HPLC

50,000 IU/g Minimum

Calories (per 100 grams)
Total Fat
Total Carbohydrate
Protein

185 kcal
5% Maximum
20% Minimum
15% Minimum

MICROBIOLOGICAL PROFILE

Total Aerobic Plate Count
E. Coli
Total Coliforms
Yeast & Mold

AOAC 966.23
AOAC 991.14
AOAC 991.14
FDA-BAM 7th Ed.

10,000 per Gram Maximum
Less than 10 per Gram Maximum
1,000 per Gram Maximum
300 per Gram Maximum

PACKAGING and STORAGE

Double poly bag with desiccant packs in a fiber drum. Cool dry storage (15-30°C).
Pack Size: 50 kgs