



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Catalog Number: 020303S

Product Name: **β-CAROTENE with TLC**

CAS Number: [7235-40-7]

Lot No.: 1605782

Chemical Family: Carotenoids

Chemical Formula: C₄₀H₅₆

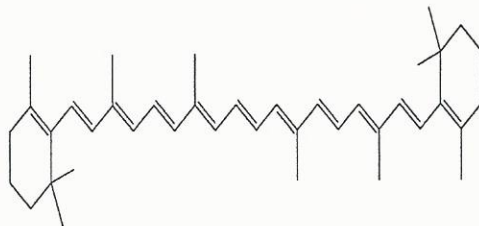
Molecular Weight: 536.89

Appearance: Black powder

Loss on Drying: 0.91%

Storage: Store at -20°C

Purity(HPLC): 95.9%





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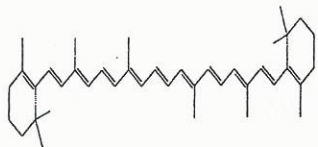
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HPLC ANALYSIS



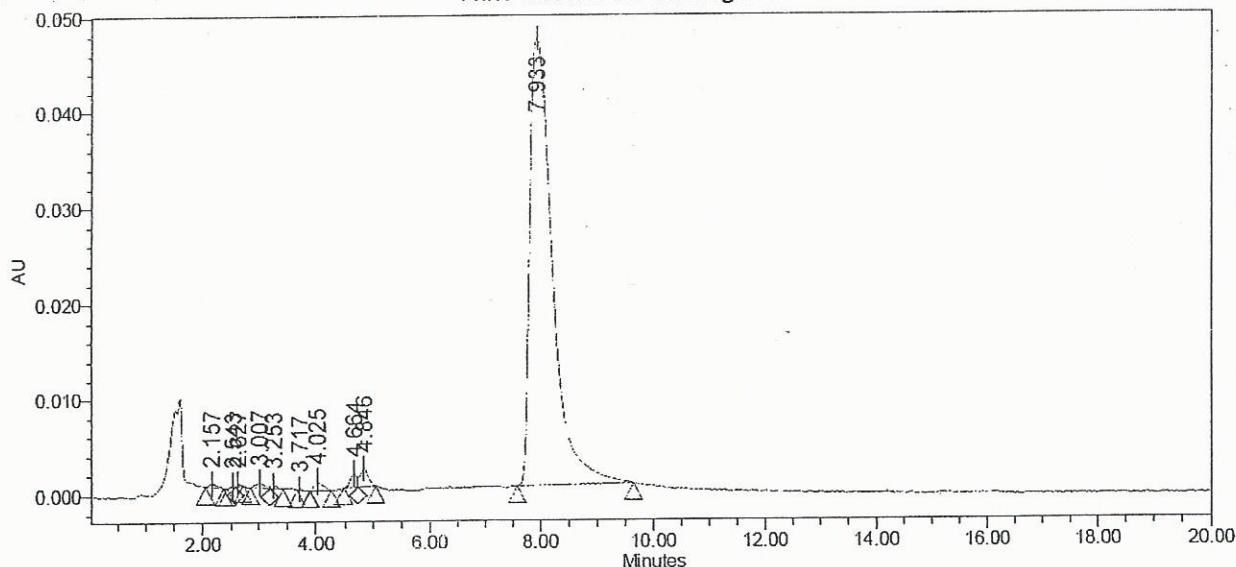
Catalog No.: 020303S
Product Name: β -Carotene
Lot No.: 1605782

SAMPLE INFORMATION

Sample Name: β Carotene
Sample Type: Unknown
Vial: 42
Injection #: 1
Injection Volume: 10.00 μ l
Run Time: 20.0 Minutes

Acquired By: System
Sample Set Name:
Acq. Method Set: β Carotene
Processing Method: Samples
Channel Name: 450.0nm
Proc. Chnl. Descr.: PDA 450.0 nm

Auto-Scaled Chromatogram



Peak Results

	Name	RT	Area	% Area	USP Plate Count	USP Resolution
1		2.157	4301	0.31	426.06	
2		2.543	1069	0.08		0.89
3		2.627	1345	0.10		
4		3.007	6358	0.46	1500.30	
5		3.253	2878	0.21	1445.71	0.59
6		3.717	804	0.06	10916.85	1.69
7		4.025	9844	0.72	2347.27	1.31
8		4.664	11376	0.83		1.90
9		4.846	18778	1.37	3772.57	
10		7.933	1316253	95.87	2192.27	