



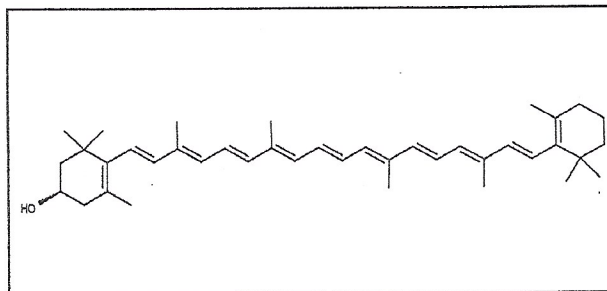
# INDOFINE Chemical Company, Inc.

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## Certificate Of Analysis

**020317S**                      **β-CRYPTOXANTHIN**                      **Lot No.: 23121973**

CAS RN	472-70-8
MOL FORMULA	C <sub>40</sub> H <sub>56</sub> O
MOL WEIGHT	552,89



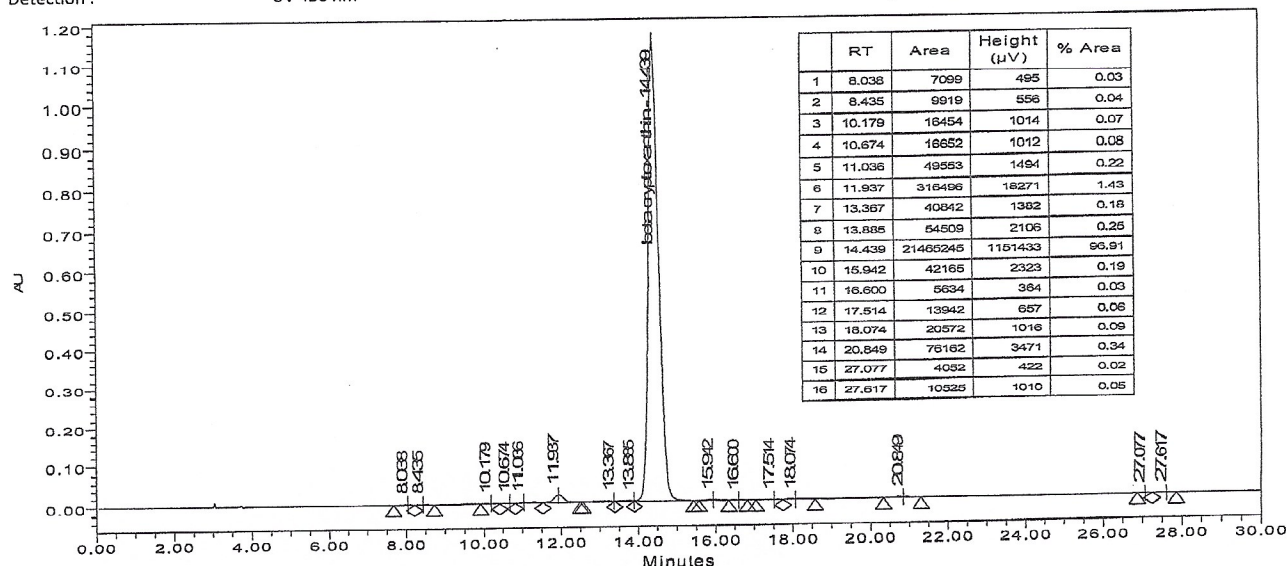
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Powder	Conform
Melting point		°C	159-165	161-163
Potency*	UV in heptane + 0,5% DCM E1%	nm	427sh, 451, 479  2510 +/- 100 at 451 nm 2220 +/- 100 at 479 nm	Conform  2600 2290
Purity	HPLC	% area	≥ 95,0	96,9

\*Despite the specific and intensive care taken with these products, they are very fragile.

We recommend that you confirm product purity by measuring the E1%

### CHROMATOGRAPHIC PURITY / HPLC

Column : YMC-Carotenoid 250 x 4,6 mm - 5 μm  
 Mobile phase : 15/80/5 Isocratic 3 min then 25/70/5 gradient in 17 min then 85/10/5 in 10 min  
 A:TMBE B:MeOH C:ACN                      Flow rate 1 ml/min  
 Temperature 30°C                      Injection volume 5 μl  
 Detection : UV 450 nm                      Injection solvent DCM / heptane



LONG TERM STORAGE : Below -15°C in a dry and dark place