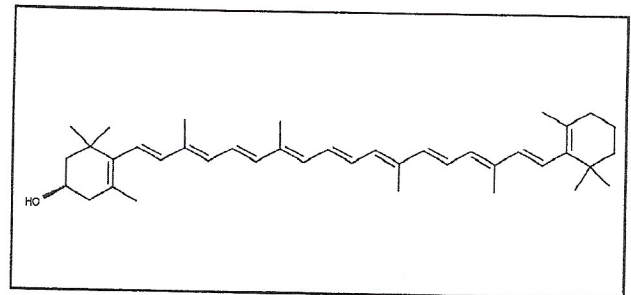


**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30
 Hillsborough, NJ 08844 USA
 Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis**020317S****β-CRYPTOXANTHIN****Lot No.: 22052470**

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



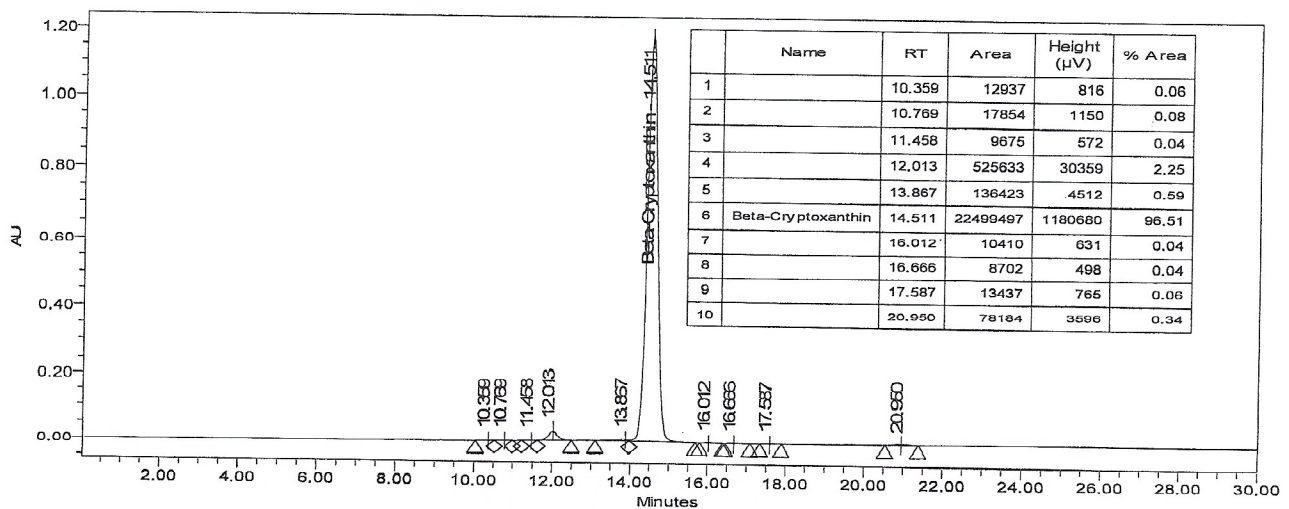
TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Powder	Conform
Melting point		°C	159-165	163-165
Potency*	UV	nm	427sh, 451, 479	Conform
	in heptane + 0,5% DCM		2510 +/- 100 at 451 nm	2540
	E1%		2220 +/- 100 at 479 nm	2220
Purity	HPLC	% area	≥ 95,0	96,5

*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