



INDOFINE Chemical Company, Inc.

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

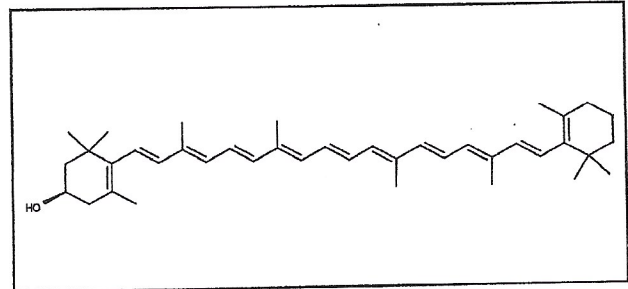
Certificate Of Analysis

020317S

β -CRYPTOXANTHIN

Lot No.: 21081369

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	164-165
Potency*	UV	nm	427sh, 451, 479	Conform
	in heptane + 0,5% DCM			
	E1%		2510 +/- 100 at 451 nm	2610
			2220 +/- 100 at 479 nm	2290
Purity	HPLC	% area	≥ 95,0	96,0

*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

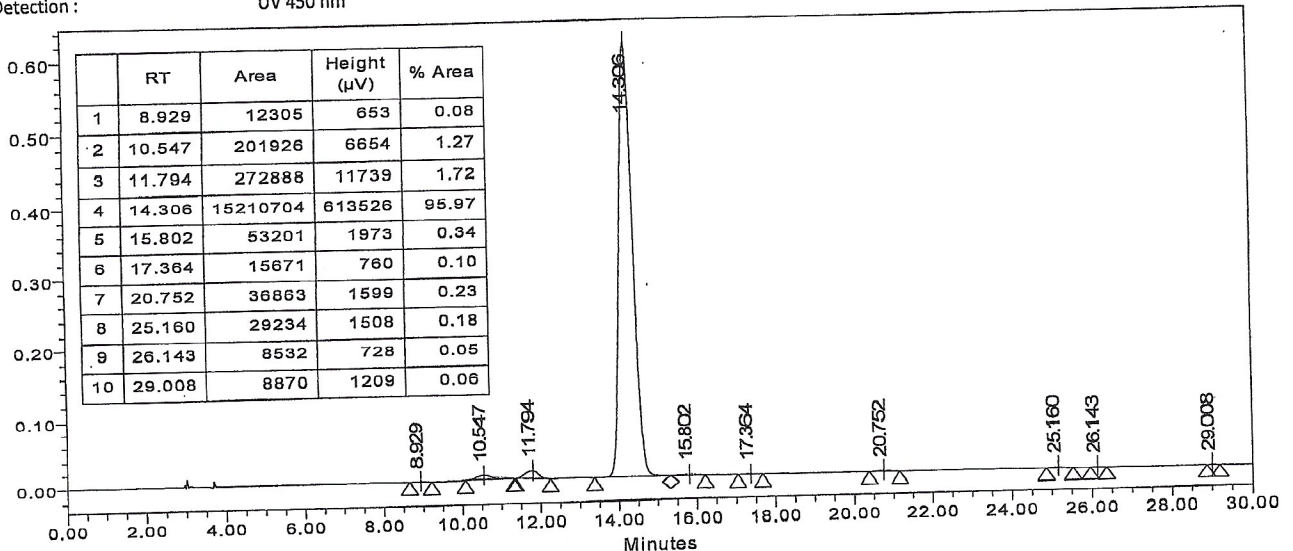
Temperature : 30°C

Detection : UV 450 nm

Flow rate : 1 ml/min

Injection volume : 5 μl

Injection solvent : DCM / heptane



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