



INDOFINE Chemical Company, Inc.

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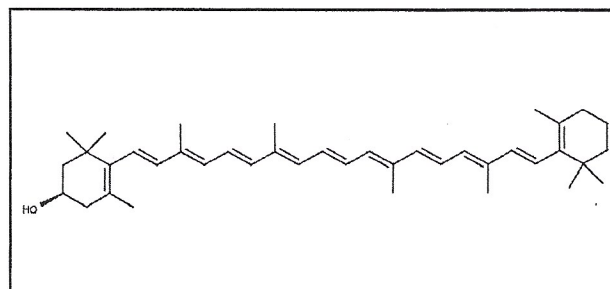
Certificate Of Analysis

020317S

β -CRYPTOXANTHIN

Lot No.: 22112972

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	162-164
Potency*	UV	nm	427sh, 451, 479	Conform
	in heptane + 0,5% DCM			
	E1%		2510 +/- 100 at 451 nm	2510
			2220 +/- 100 at 479 nm	2200
Purity	HPLC	% area	≥ 95,0	97,1

*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

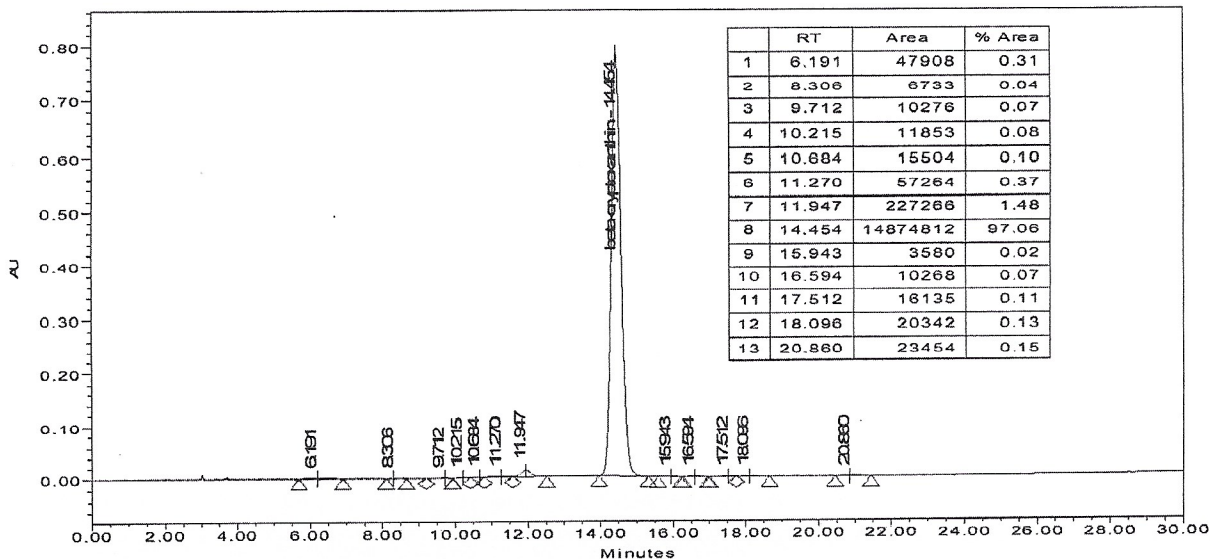
Flow rate 1 ml/min

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