



INDOFINE Chemical Company, Inc.

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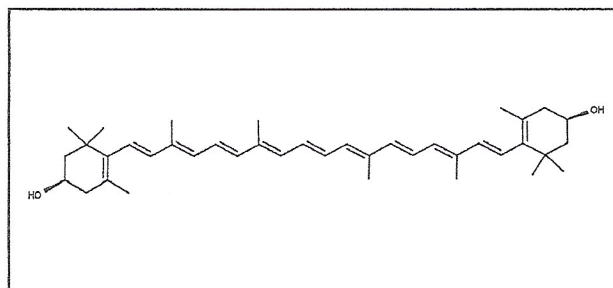
Certificate Of Analysis

020307S

ZEAXANTHIN

Lot No.: 22090253

CAS RN	144-68-3
MOL FORMULA	C ₄₀ H ₅₆ O ₂
MOL WEIGHT	568,89



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Powder	Conform
Melting point		°C	203-207	204-205
Potency*	UV in methanol + 0,5%DCM	nm	423sh, 449, 477	Conform
	E1%		2600 +/- 80 at 449 nm	2620
			2300 +/- 80 at 477 nm	2340
Purity	HPLC	% area	≥ 95,0	98,0

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

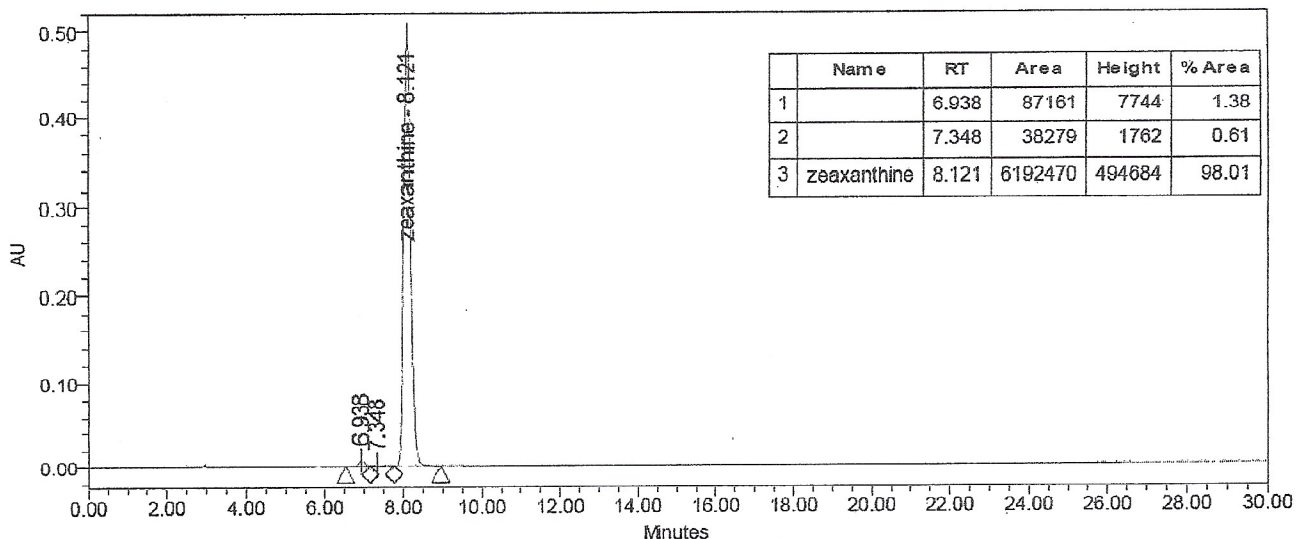
Flow rate 1 ml/min

Temperature 30°C

Injection volume 5 µl

Detection : UV 450 nm

Injection solvent 5 DCM / 15 Methanol



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