

**INDOFINE Chemical Company, Inc.**

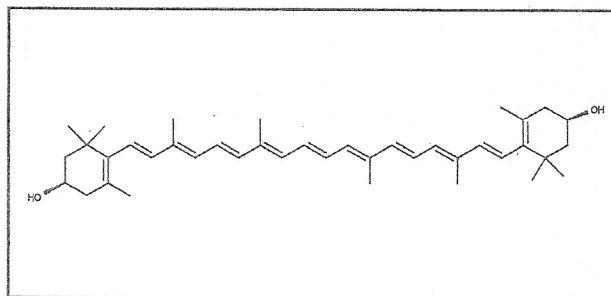
121 Stryker Lane, Bldg. 30

Hillsborough, NJ 08844 USA

Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis**020307S****ZEAXANTHIN****Lot No.: 25012857**

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	nm	423sh, 449, 477	Conform
	in methanol + 0,5%DCM			
	E1%		2600 +/- 80 at 449 nm	2680
			2300 +/- 80 at 477 nm	2380
Purity	HPLC	% area	≥ 95,0	97,4

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

CHROMATOGRAPHIC PURITY / HPLC

Column : YMC-Carotenoid 250 x 4,6 mm - 3 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

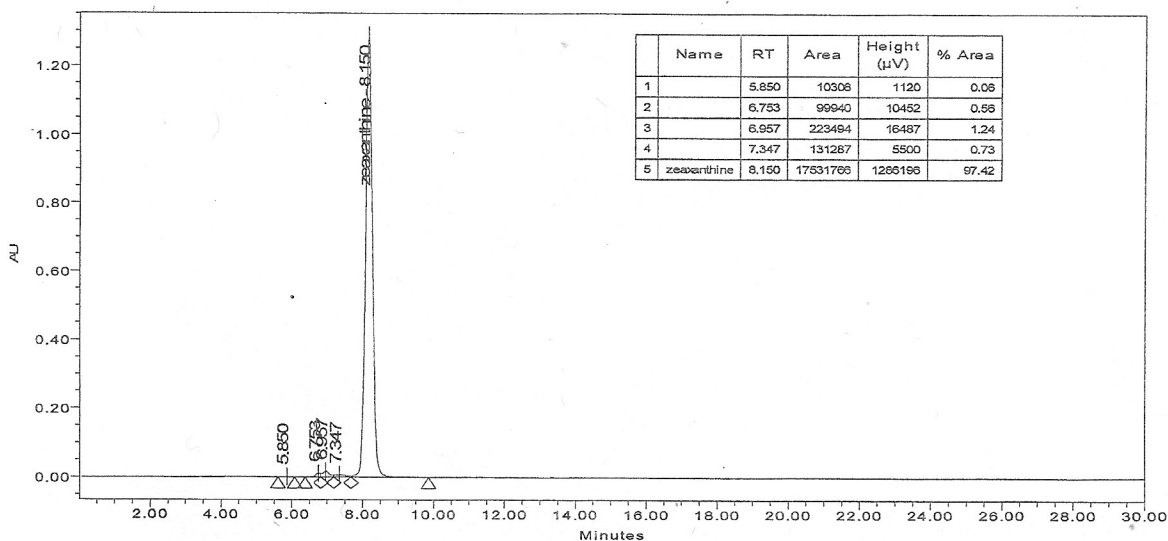
Flow rate 1 ml/min

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