

**INDOFINE Chemical Company, Inc.**

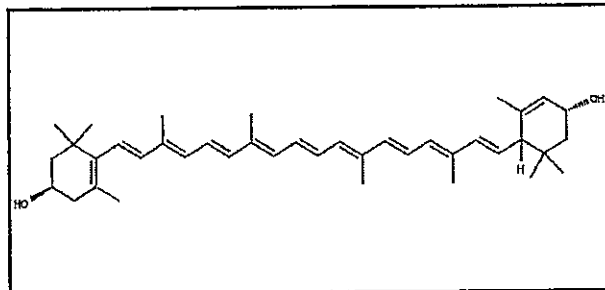
121 Stryker Lane, Bldg. 30

Hillsborough, NJ 08844 USA

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

Certificate Of Analysis**020306S****LUTEIN****Lot No.: 26032677**

CAS RN	127-40-2
MOL FORMULA	C ₄₀ H ₅₆ O ₂
MOL WEIGHT	568,89



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Powder	Conform
Melting point		°C	174-181	180-181
Potency*	UV	nm	421, 444, 472	Conform
	in methanol + 0,5% DCM			
	E1%		2520 +/- 100 at 444 nm	2460
			2320 +/- 100 at 472 nm	2260
Purity	HPLC	% area	≥ 92,0	97,4

*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 : 15A/80B/5C Isocratic 3 min then 25A/70B/5C gradient in 17 min then 85A/10B/5C in 10 min

A:TMBE B:MeOH C:ACN

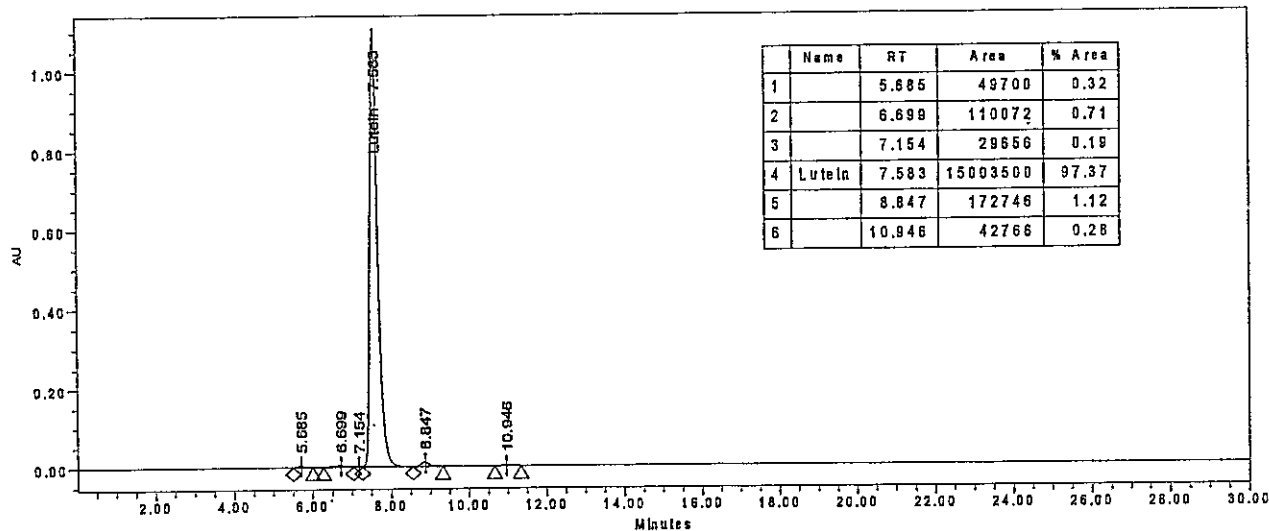
Flow rate 1 ml/min

Temperature 30°C

Injection volume 5 µl

Detection : UV 450 nm

Injection solvent DCM / Methanol (5/15)



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