



INDOFINE Chemical Company, Inc.

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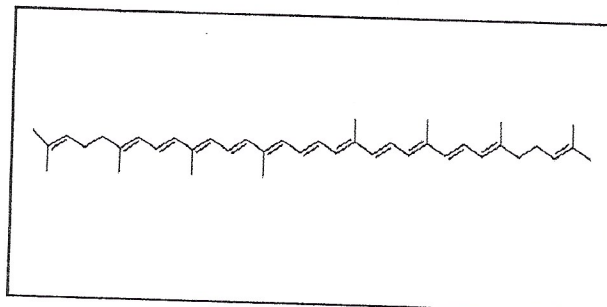
Certificate Of Analysis

020305S

LYCOPENE

Lot No.: 23113081

CAS RN	502-65-8
MOL FORMULA	C ₄₀ H ₅₆
MOL WEIGHT	536,89



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Powder	Conform
Melting point		°C	166-170	166-167
Potency*	UV in heptane + 0,5% DCM E1%	nm	444, 472, 503 2320 +/- 70 at 444 nm 3560 +/- 100 at 472 nm 3250 +/- 100 at 503 nm	Conform 2280 3490 3160
Purity	HPLC	% area	≥ 95,0	99,4

*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

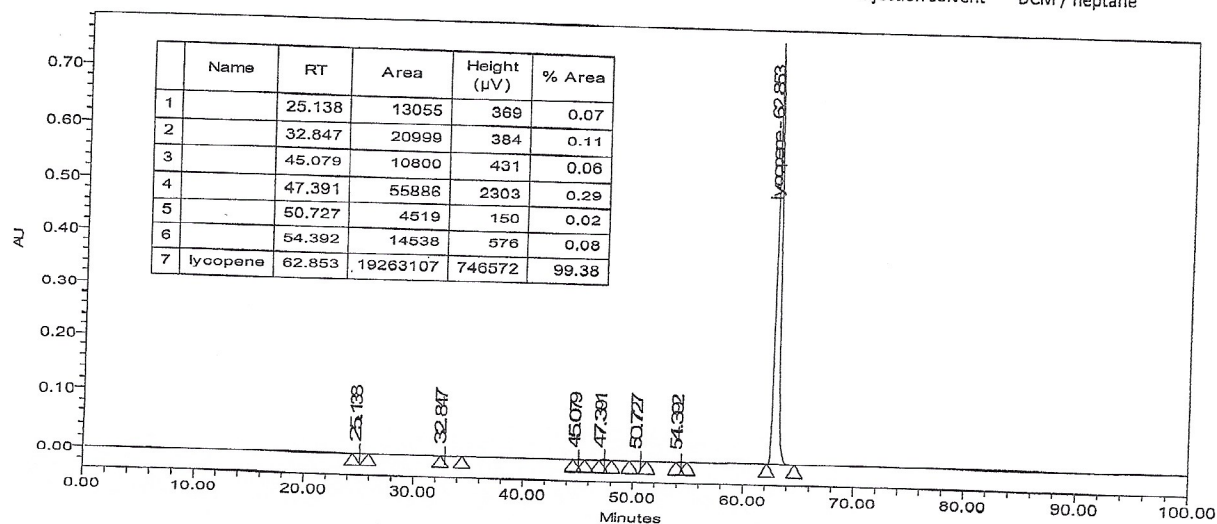
Column : YMC-Carotenoid 250 x 4,6 mm - 5 µm
Mobile phase : 15/4/81 from to 90/4/6 gradient in 90 min

A:TMBE B:Water C:MeOH

Temperature 30°C

Detection : UV 475 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