



INDOFINE Chemical Company, Inc.

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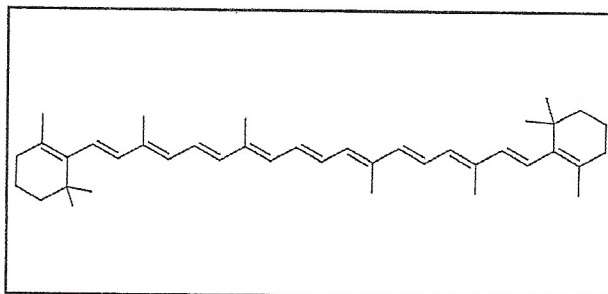
Certificate Of Analysis

020303S

β-CAROTENE

Lot No.: 23090242

CAS RN	7235-40-7
MOL FORMULA	C ₄₀ H ₅₆
MOL WEIGHT	536,89



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Powder	Conform
Melting point		°C	174-182	176-178
Potency*	UV in heptane + 0,5% DCM E1%	nm	425sh, 451, 479 2530 +/- 100 at 451 nm 2230 +/- 100 at 479 nm	Conform 2550 2240
Purity	HPLC	% area	≥ 95,0	98,4

*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 : 15/80/5 isocratic 3 min then 25/70/5 gradient in 17 min then 85/10/5 in 10 min

A:TMBE B:MeOH C:ACN

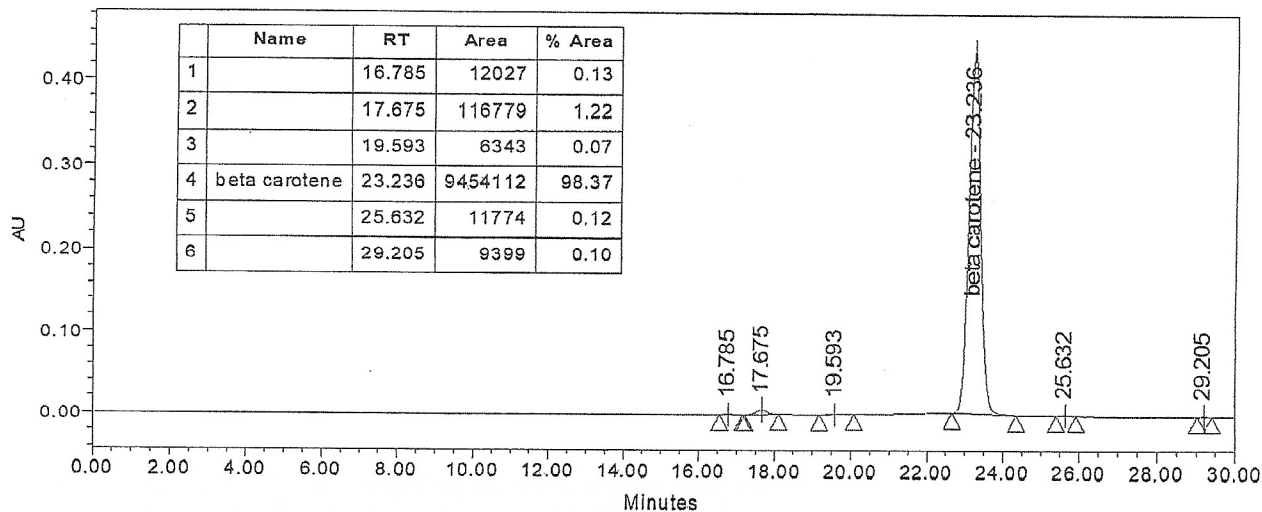
Temperature 30°C

Detection : UV 450 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