

INDOFINE Chemical Company, Inc.

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Certificate Of Analysis

020306S

LUTEIN

Lot No.: 17060861

IDENTIFICATION

CAS number	[127-40-2]	
Synonym	Xanthophyll	V A A A A A A A A A A A A A A A A A A A
Molecular formula	$C_{40}H_{56}O_2$	HO HO
Molecular weight	568.89	

ANALYSIS

PC	
SPECIFICATION (January 2017, version 10.1)	RESULT
Powder	Conform
174-181°C	178-180°C
Silicagel Heptane / acetone (60/40, V/V) Visible	Main spot
421, 444, 472 nm in methanol + 0.5% methylene chloride	Conform
2520 ± 100 at 444 nm 2320 ± 100 at 472 nm	2610 2400
≥95%	Conform
	Powder 174-181°C Silicagel Heptane / acetone (60/40, V/V) Visible 421, 444, 472 nm in methanol + 0.5% methylene chloride 2520 ± 100 at 444 nm 2320 ± 100 at 472 nm

^{*}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%

The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.

STORAGE

Store at <-15°C Store away from light HYGHLY UNSTABLE