

## INDOFINE Chemical Company, Inc.

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## **Certificate Of Analysis**

020306S

LUTEIN

Lot No.: 17011059

***	TOTAL	TAL	TEAT
III)KT	VIII	<b>ICA</b> T	ION

ID III I WAX A CITATED .		
CAS number	[127-40-2]	
Synonym	Xanthophyll	X NOW
Molecular formula	$C_{40}H_{56}O_2$	но
Molecular weight	568.89	

## **ANALYSIS**

TEST	SPECIFICATION (January 2017, version 10.1)	RESULT
Appearance	Powder	Conform
Melting point	174-181°C	179-181°C
TLC	Silicagel Heptane / acetone (60/40, V/V) Visible	Main spot
UV/Visible spectrum λ max (± 2 nm)	421, 444, 472 nm in methanol + 0.5% methylene chloride	Conform
E1%	$2520 \pm 100$ at 444 nm $2320 \pm 100$ at 472 nm	2610 2400
Assay (UV)*	≥95%	Conform
Date of last QC-recheck Date of retest	January 2017 January 2018	

<sup>\*</sup>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