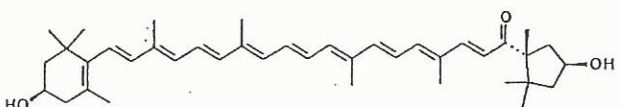


**INDOFINE Chemical Company, Inc.**

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Certificate Of Analysis**020312S****CAPSANTHIN****Lot No.: 15020511****IDENTIFICATION**

CAS number	[465-42-9]	
Molecular formula	C ₄₀ H ₅₆ O ₃	
Molecular weight	584.89	

ANALYSIS

TEST	SPECIFICATION (February 2015, Version 04)	RESULT
Appearance	Powder	Conform
UV/Visible spectrum λ max (± 2 nm)	476 nm in ethanol	Conform
E1%	476 nm 1890 \pm 80	1940
Melting point	176-179°C	178-179°C
TLC	Silicagel Heptane / acetone (60/40, V/V) Visisble	Main spot
Assay (UV)*	$\geq 95\%$	Conform

*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 $< -15^{\circ}\text{C}$
Store away from light
HYGHLY UNSTABLE