

**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30

Hillsborough, NJ 08844 USA

Phone: (908) 359-6778; Fax: (908) 359-1179

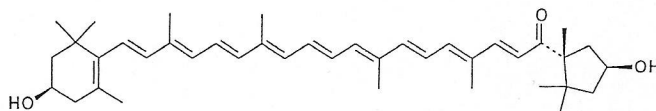
**Certificate Of Analysis****020312S****CAPSANTHIN****Lot No.: 14012010****IDENTIFICATION**

CAS number [465-42-9]

Chemical family Carotenoids

Molecular formula  $C_{40}H_{56}O_3$ 

Molecular weight 584.89

**ANALYSIS**

TEST	SPECIFICATION (september 2013, version 03)	RESULT
Appearance	Powder	Conform
UV/Visible spectrum $\lambda$ max ( $\pm 2$ nm)	476 nm in ethanol	Conform
E1%	476 nm $1890 \pm 80$	1960
Melting point	174-177°C	175-176°C
TLC	Silicagel Heptane / acetone (60/40, V/V) Visisble	Main spot
Assay (UV)*	$\geq 95\%$	Conform
Date of last QC-recheck	September 2013	
Date of retest	September 2014	

\*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