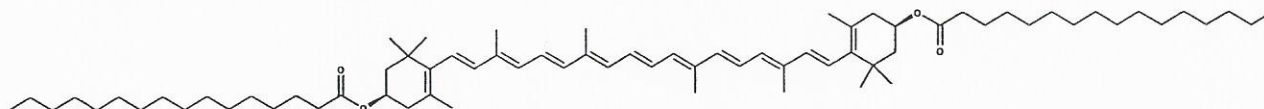


**INDOFINE Chemical Company, Inc.**

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**Certificate Of Analysis****020309S****PHYSALIEN****Lot No.: 15052210****IDENTIFICATION**

CAS number	[144-67-2]
Molecular formula	C <sub>72</sub> H <sub>116</sub> O <sub>4</sub>
Molecular weight	1045.72

**ANALYSIS**

TEST	SPECIFICATION (December 2010, version 02)	RESULT
Appearance	Powder	Conform
UV/Visible spectrum $\lambda$ max ( $\pm$ 2 nm)	432sh, 460, 489 nm in methylene chloride	Conform
E1%	460 nm 1310 $\pm$ 100 489 nm 1150 $\pm$ 100	1340 1180
Melting point	95-103°C	99-100°C
TLC	Silicagel Heptane / diethyloxide (90/10, V/V) Visible	Main spot
Assay (UV)*	$\geq$ 95%	Conform
Date of last QC-recheck	May 2015	
Date of retest	May 2016	

\*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