

**INDOFINE Chemical Company, Inc.**

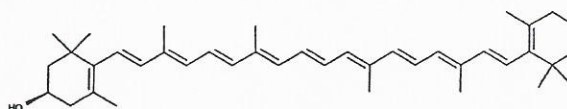
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**Certificate Of Analysis****020317S****β-CRYPTOXANTHIN****Lot No.: 16011453****IDENTIFICATION**

CAS number [472-70-8]

Molecular formula C<sub>40</sub>H<sub>56</sub>O

Molecular weight 552.89

**ANALYSIS**

TEST	SPECIFICATION <i>(september 2015, version 04)</i>	RESULT
Appearance	Powder	Conform
Melting point	159-165°C	162-164°C
TLC	Silicagel Heptane / acetone (75/25, V/V) Visible	Main spot
UV/Visible spectrum λ max (± 2 nm)	427sh, 451, 479 nm in heptane + 0.5% methylene chloride	Conform
E1%	2510 ± 100 at 451 nm 2220 ± 100 at 479 nm	2590 2280
Assay (UV)*	≥97%	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°C  
Store away from light  
HYGHLY UNSTABLE