

**INDOFINE Chemical Company, Inc.**

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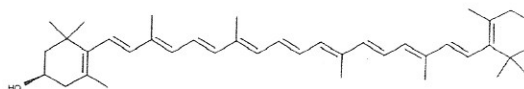
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis**020317S** **β -CRYPTOXANTHIN****Lot No.: 19073065****IDENTIFICATION**

CAS number [472-70-8]

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

Molecular weight 552.89

**ANALYSIS****TEST****SPECIFICATION***(June 2016, version 10)***RESULT**

Appearance

Powder

Conform

Melting point

159-165°C

160-161°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 \pm 100 at 451 nm
2220 \pm 100 at 479 nm2610
2300

Assay (UV)*

 $\geq 97\%$

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.

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

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