

**INDOFINE Chemical Company, Inc.**

121 Stryker Lane, Bldg. 30

Hillsborough, NJ 08844 USA

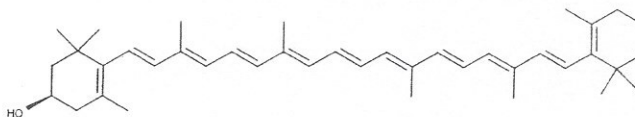
Phone: (908) 359-6778; Fax: (908) 359-1179

**Certificate Of Analysis****020317S****β-CRYPTOXANTHIN****Lot No.: 19021864****IDENTIFICATION**

CAS number [472-70-8]

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

Molecular weight 552.89

**ANALYSIS**

| <b>TEST</b>                           | <b>SPECIFICATION</b><br><i>(June 2016, version 10)</i>     | <b>RESULT</b> |
|---------------------------------------|--|---------------|
| Appearance                            | Powder   | Conform       |
| Melting point                         | 159-165°C  | 160-161°C     |
| TLC                                   | Silicagel<br>Heptane / acetone (75/25, V/V)<br>Visible     | Main spot     |
| UV/Visible spectrum<br>λ max (± 2 nm) | 427sh, 451, 479 nm<br>in heptane + 0.5% methylene chloride | Conform       |
| E1%                                   | 2510 ± 100 at 451 nm<br>2220 ± 100 at 479 nm               | 2530<br>2220  |
| 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 &lt;-15°C

Store away from light

HYGHLY UNSTABLE

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