

**INDOFINE Chemical Company, Inc.**

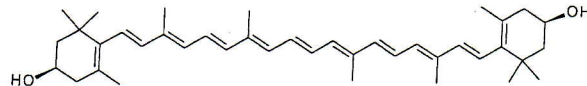
121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis**020307S****ZEAXANTHIN****BATCH: 32****IDENTIFICATION**

CAS number	[144-68-3]
Chemical family	Carotenoids
Molecular formula	C ₄₀ H ₅₆ O ₂
Molecular weight	568.89

ANALYSIS

TEST	SPECIFICATION <i>(December 2010, version 04)</i>	RESULT
Appearance	Powder	Conform
Melting point	203-207°C	204-205°C
TLC	Silicagel Heptane / acetone (60/40, V/V) Visible	Main spot
UV/Visible spectrum λ max (± 2 nm)	423sh, 449, 477 nm in methanol + 0.5% methylene chloride	Conform
E1%	2600 ± 80 at 449 nm 2300 ± 80 at 477 nm	2630 2350
Assay (UV)*	≥98%	Conform
Date of last QC-recheck	February 2012	
Date of retest	February 2013	



*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