

Certificate of Analysis

Soft Gel Technologies

6982 Bandini Boulevard
Los Angeles California 90040 United States

Sample Name:	Innerbody Labs Astaxanthin	Eurofins Sample:	16482272
Project ID	SOFT_GEL-20260424-0306	Receipt Date	25-Apr-2026
PO Number	AM24884	Receipt Condition	Ambient temperature
Lot Number	E60109179	Login Date	24-Apr-2026
Sample Serving Size	1 Softgel	Date Started	27-Apr-2026
Description	CA-TK20512V	Sampled	Sample results apply as received
		Number Composited	20
		Online Order	901-2026-E038735

Analysis	Result
DNA Extraction - Qualitative PCR	
DNA Extraction	DNA Extraction - Qualitative PCR
PCR Qualitative-Agro Border II	
Agro Border II	Negative
PCR Qualitative-CaMV 35S Promoter	
CaMV 35S Promoter	Negative
PCR Qualitative-NOS Terminator	
NOS Terminator	Negative
Weigh Out for DNA Extraction	
Weigh Out for DNA Extraction	Weigh Out for DNA Extraction
Calculated Sample Weight	
Entity Weight	0.7370 g ✓
Entity Fill Weight	0.5059 g ✓
Carotenes	
Lutein	10.7 mg/Serving Size ✓
Zeaxanthin	3.25 mg/Serving Size ✓
Total Astaxanthin	
Total Astaxanthin	13.4 mg/Serving Size ✓
Qualitative USDA BE Package	
Qualitative USDA BE Package	Qualitative USDA BE Package

Method References	Testing Location
Calculated Sample Weight (PREP)	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA
Carotenes (CAR2_S)	Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA

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Method References

Testing Location

Carotenes (CAR2_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Official Methods of Analysis of AOAC INTERNATIONAL, Methods 941.15 and 2005.07, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (Modified).

Quackenbush, F. W., "Reverse Phase HPLC Separation of cis- and trans-Carotenoids and Its Application to Beta Carotenes in Food Materials," *Journal of Liquid Chromatography*, 10: 643-653 (1987) (Modified). (Lutein esters)

Official Methods of Analysis of AOAC INTERNATIONAL, Methods 970.64 and 2005.07, AOAC INTERNATIONAL, Gaithersburg, MD, USA, (Modified). (Lutein esters)

DNA Extraction - Qualitative PCR (E_DNA_EXT)

Eurofins GeneScan
2219 Lakeshore Drv Suite 400 New Orleans, LA 70122 USA

PCR Qualitative-Agro Border II (E_AGR_B_II)

Eurofins GeneScan
2219 Lakeshore Drv Suite 400 New Orleans, LA 70122 USA

PCR Qualitative-CaMV 35S Promoter (E_CAMV_35S)

Eurofins GeneScan
2219 Lakeshore Drv Suite 400 New Orleans, LA 70122 USA

PCR Qualitative-NOS Terminator (E_NOS_TERM)

Eurofins GeneScan
2219 Lakeshore Drv Suite 400 New Orleans, LA 70122 USA

Qualitative USDA BE Package (GMO_QUAL)

Eurofins GeneScan
2219 Lakeshore Drv Suite 400 New Orleans, LA 70122 USA

Total Astaxanthin (ASTA_S)

Food Integrity Innovation-Madison
6304 Ronald Reagan Ave Madison, WI 53704 USA

Britton, G., Liaaen-Jensen, S., Pfander, H. (1995). *Carotenoids Volume 1A: Isolation and Analysis*. Basel, Switzerland: Birkhäuser Verlag.

"Spectrophotometric and HPLC Analysis Method for Determining Astaxanthin Content in Astareal -p2af." [Http://www.fujihealthscience.com](http://www.fujihealthscience.com). Ed. Fuji Chemical Industry Co., LTD. Fuji Health Science, June 1918. Web. 29 Dec. 2011. <http://www.fujihealthscience.com/Assay%20Method.pdf>

Weigh Out for DNA Extraction (E_DNA_WO)

Eurofins GeneScan
2219 Lakeshore Drv Suite 400 New Orleans, LA 70122 USA

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6982 Bandini Boulevard
Los Angeles California 90040 United States

Testing Location(s)**Authorized on Behalf of Eurofins by****Food Integrity Innovation-Madison**

Edward Ladwig - President Eurofins Food
Chemistry Testing Madison

Eurofins Food Chemistry Testing Madison, Inc.
6304 Ronald Reagan Ave
Madison WI 53704
800-675-8375

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.

CERTIFICATE OF ANALYSIS



12661 HOOVER STREET, GARDEN GROVE, CA 92841

P. 714-754-4372

F. 714-668-9972

WWW.ALKEMIST.COM

Report Issued To: Soft Gel Technologies, Inc.
6982 Bandini Blvd
Los Angeles, CA, 90040
USA

Sample Name: Innerbody Labs Astaxanthin
Description: Size: 10, Shape: Oval, Color: Annatto Red
Lot#: CA-TK20512V; E60109179
Sample ID#: AL26108022
Test ID: 27417
Received: 04/27/2026

Pesticides USP <561> by LC/MS and GC/MS

Compound Name	Amount (mg/kg)	USP <561> Specification (mg/kg)	Results
Acephate*	< 0.1	0.1	Pass
Alachlor **	< 0.05	0.05	Pass
Aldrin and Dieldrin (sum of) **	< 0.05	0.05	Pass
Azinphos Ethyl *	< 0.1	0.1	Pass
Azinphos Methyl *	< 1	1	Pass
Bromophos Ethyl **	< 0.05	0.05	Pass
Bromophos Methyl **	< 0.05	0.05	Pass
Bromopropylate **	< 3	3	Pass
Chlordane **	< 0.05	0.05	Pass
Chlorfenvinphos **	< 0.5	0.5	Pass
Chlorpyrifos Ethyl **	< 0.2	0.2	Pass
Chlorpyrifos Methyl **	< 0.1	0.1	Pass
Chlorthal Dimethyl **	< 0.01	0.01	Pass
Cyfluthrin (sum of) **	< 0.1	0.1	Pass
λ-Cyhalothrin **	< 1	1	Pass
Cypermethrin and isomers **	N/A	1	NonA
DDT **	< 1	1	Pass
Deltamethrin *	N/A	0.5	NonA
Diazinon *	< 0.5	0.5	Pass
Dichlofluanid *	< 0.1	0.1	Pass
Dichlorvos *	< 1	1	Pass
Dicofol **	< 0.5	0.5	Pass
Dimethoate and omethoate *	< 0.1	0.1	Pass
Endosulfan **	< 3	3	Pass
Endrin **	< 0.05	0.05	Pass
Ethion *	< 2	2	Pass
Etrimphos *	< 0.05	0.05	Pass
Fenchlorophos **	< 0.1	0.1	Pass
Fenitrothion **	< 0.5	0.5	Pass
Fenpropathrin *	N/A	0.03	NonA
Fensulfothion *	< 0.05	0.05	Pass
Fenthion *	< 0.05	0.05	Pass
Fenvalerate **	N/A	1.5	NonA
Flucythrinate **	N/A	0.05	NonA
τ-Fluvalinate **	N/A	0.05	NonA

Analysis Date: 04/28/2026
Report Date: 05/12/2026

Analyzed By: Latrece Brown



Authorized By: Celine Decasiano, Analytical
Production Manager

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Fonofos *	< 0.05	0.05	Pass
Heptachlor **	< 0.05	0.05	Pass
Hexachlorobenzene **	< 0.1	0.1	Pass
Hexachlorocyclohexane **	< 0.3	0.3	Pass
Lindan **	< 0.6	0.6	Pass
Malathion and malaoxon *	< 1	1	Pass
Mecarbam *	< 0.05	0.05	Pass
Methacriphos *	< 0.05	0.05	Pass
Methamidophos *	< 0.05	0.05	Pass
Methadithion *	N/A	0.2	NonA
Methoxychlor **	< 0.05	0.05	Pass
Mirex **	< 0.01	0.01	Pass
Monocrotophos *	< 0.1	0.1	Pass
Parathion-ethyl and paraoxon-ethyl *	< 0.5	0.5	Pass
Parathion-methyl and paraoxon-methyl **	< 0.2	0.2	Pass
Pendimethalin *	< 0.1	0.1	Pass
Pentachloroanisole **	< 0.01	0.01	Pass
Permethrin and isomers (sum of) **	N/A	1	NonA
Phosalone *	< 0.1	0.1	Pass
Phosmet *	< 0.05	0.05	Pass
Pipronyl Butoxide *	< 3	3	Pass
Pirimiphos Ethyl *	< 0.05	0.05	Pass
Pirimiphos-methyl **	< 4	4	Pass
Procymidone **	< 0.1	0.1	Pass
Profenofos *	< 0.1	0.1	Pass
Prothiophos **	< 0.05	0.05	Pass
Pyrethrum *	N/A	3	NonA
Quinalphos *	< 0.05	0.05	Pass
Quintozene **	< 1	1	Pass
S-421 **	< 0.02	0.02	Pass
Tecnazene **	< 0.05	0.05	Pass
Tetradifon **	N/A	0.3	NonA
Vinclozolin **	< 0.4	0.4	Pass
Bromide, Inorganic †	< 125	125	Pass
Dithiocarbamates (Expressed as CS ₂) ‡	< 2	2	Pass

Chromatographic Conditions (* and †):

Method: ATM-815-0308
 Chromatographic Instrument: UPLC
 Ionization Method: Electrospray Ionization
 Mass Spectrometer: Triple Quadrupole, MRM Mode

Chromatographic Conditions (** and ‡):

Method: ATM-815-0308
 Chromatographic Instrument: GC

Analysis Date: 04/28/2026
 Report Date: 05/12/2026

Analyzed By: Latrece Brown

Authorized By: Celine Decasiano, Analytical
 Production Manager

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Ionization Method:

Atmospheric Pressure Gas Chromatography

Mass Spectrometer:

Triple Quadrupole, MRM Mode

Sample Preparation (* and **):

Mixed sample well. Ground to a fine powder or composited the contents of 10 capsules if needed. Transferred 500 mg of sample to a 15 mL centrifuge tube. Added 5.0 mL of extraction solvent and vortexed 30 seconds to mix. Sonicated for 30 minutes at room temperature. Let cool and centrifuged for 5 minutes at 4,000 RPM. Transferred 1 mL of supernatant to a dSPE tube and mixed at 15 Hz for 1 minute. Centrifuged at 10,000 RPM for 2 minutes. Transferred to vials for analysis.

Sample Preparation (†):

Mixed sample well. Ground to a fine powder or composited the contents of 10 capsules if needed. Transferred 500 mg of sample to a 15 mL centrifuge tube. Added 10 mL of extraction solvent. Vortexed 30 seconds to mix. Shook for 30 minutes. Filtered through 0.45 µm PES filter into a vial for analysis.

Sample Preparation (‡):

Mixed sample well. Ground to a fine powder or composited the contents of 10 capsules if needed. Transferred 500 mg of sample to a screw cap vial. Added 2.5 mL of water. Added 1 mL of isooctane. Added 7.5 mL of tin (II) chloride. Closed tightly with a PTFE lined cap. Vortexed 30 seconds. Placed in oven for 2 hours at 80°C, mixing vigorously every 15 minutes. Let cool. Centrifuged if needed and transferred to low actinic vial for analysis.

Notes:

OOS Reference:

N/A

Batch ID:

GC 260510810, LC 260510810, Br 260511302, DTC 260410655

Notes:

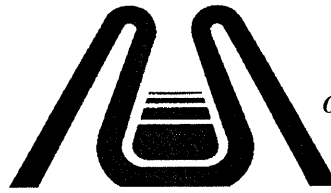
NonA = Non-Analyzable. A pesticide is reported as 'non-analyzable' when after standard addition the resulting analysis did not meet the quality acceptance criteria due to chromatographic interferences from the sample matrix.

Analysis Date: 04/28/2026
Report Date: 05/12/2026

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6280 Chalet Drive, Commerce, CA 90040-3704, Telephone (562) 928-0553 / FAX (562) 927-6625

LABORATORY CERTIFICATE

Submitted By: SOFTGEL TECHNOLOGIES
6982 BANDINI BLVD. SUITE B
LOS ANGELES, CA 90040
Attn: QCLAB:MARIA

Printed : 06/12/2026
Lab No. : 060926-M961328
Report No. : 060926-M961328A
Order No. :
Received : 6/9/2026
Page : 1 of 1

REPORT #	PRODUCT / TEST	METHOD	RESULT	UNITS	START:DT
M961328-01	INNERBODY LABS ASTAXANTHIN + CA :TK20512V LOT: E60109179 STANDARD PLATE COUNT (USP) COLIFORM, MPN E.COLI (USP) STAPHYLOCOCCUS AUREUS (USP) PSEUDOMONAS AERUGINOSA (USP) SALMONELLA (USP) YEAST & MOLD (RAPID PETRIFILM)	USP 43 NF 38 <61> FDA(BAM)CH.4 USP 43 NF 38 <62> USP 43 NF 38 <62> USP 43 NF 38 <62> USP 43 NF 38 <62> USP 43 NF 38 <62> AOAC 2014.05	< 10 < 3.0 NEGATIVE NEGATIVE NEGATIVE NEGATIVE NEGATIVE < 10	CFU/g MPN/g CFU/g	06/09/26 06/09/26 06/09/26 06/09/26 06/09/26 06/09/26 06/09/26 06/09/26

MICHELSON LABORATORIES, INC.

Osmery Gomez, Microbiology Ops. Manager | 6/12/2026 2:51:15 PM

**** (NDLT) Indicates None Detected Less Than | < Indicates Less Than**

(OM) Samples were received in good condition unless noted otherwise. As a mutual protection to clients and ourselves, all reports are submitted as the confidential property of clients and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved, pending written approval of both parties. Results on this report relate only to the sample(s) received & analyzed.