



Certificate of Analysis

Client: Nutraceutical Research Sciences, LLC
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Invoice Number: 23-12500 Revised

PO Number:

Received Date: 7/19/2023

Approved By: 

Approved Date: 8/3/2023

Project Name:

Lab #: 47731	Sample: FG387- 1028 Prostate Health 2302022				Sample Date: 7/18/2023	
Analyte	Results	Units	Detection Limit	Method	Analyst	Date Analyzed
Fatty Acids based on % of Oil						
I Omega 3 Fatty Acids	1.7	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C08:0 Caprylic Acid	2.6	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I Omega 6 Fatty Acids	27.3	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C10:0 Capric Acid	2.5	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I Omega 9 Fatty Acids	17.5	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C11:0 Undecanoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C12:0 Lauric Acid	22.3	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C13:0 Tridecanoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C14:0 Myristic Acid	9.4	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C14:1 Myristoleic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C15:0 Pentadecanoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C15:1 Pentadecenoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C16:0 Palmitic Acid	11.8	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C16:1 Palmitoleic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C17:0 Margaric Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C17:1 Heptadecenoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C18:0 Stearic Acid	4.4	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C18:1 Oleic Acid	17.3	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C18:2 Linoleic Acid	27.3	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C18:3 Linolenic Acid	1.7	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C18:3a Gamma Linolenic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C18:4 Stearidonic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023

ISO 17025 ANAB Accredited Laboratory Cert. #: AT-1754

I = ISO 17025 accredited method

ND = Not detected above the listed detection limit

NP = Not provided RR = Revised Result

MADL = Maximum Allowable Daily Limit

NSRL = No Significant Risk Level NO = Not Observed

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I C20:0 Arachidic Acid	0.3	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C20:1 Eicosenoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C20:2 Eicosadienoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C20:3 Dihomo-gamma Linolenic Acid (DGLA)	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C20:3 Eicosatrienoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C20:4 Arachidonic acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C20:4 Eicosatetraenoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C20:5 Eicosapentaenoic Acid (EPA)	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C22:0 Behenic Acid	0.2	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C22:1 Erucic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C22:2 Docosadienoic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C22:5 Docosapentaenoic Acid (DPA)	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C22:6 Docosahexaenoic Acid (DHA)	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C24:0 Lignoceric Acid	0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I C24:1 Nervonic Acid	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
I Other Fatty Acids	< 0.1	%	0.1	ESS_3.1.8.201.b	NB	7/25/2023
General Chemistry						
Total Fatty Acids	442	mg/serving		ESS_3.3.6.264	KH	8/3/2023
Heavy Metal Prop 65 - D.A. daily allowable						
Daily Serving	998 (client provided)	mg	-	ESS_1.1.25	PR	7/26/2023
I Lead	0.063	ug/Daily intake	0.5 (MADL)	ESS_3.2.1.220c calculation	PR	7/25/2023
I Arsenic	0.025	ug/Daily intake	10 (NSRL)	ESS_3.2.1.205c Calculation	PR	7/25/2023
NSRL = No Significant Risk Level						
I Cadmium	<0.010	ug/Daily intake	4.1 (MADL)	ESS_3.2.1.211c calculation	PR	7/25/2023
MADL = Maximum Allowable Dose Level						
I Mercury	<0.005	ug/Daily intake	NP (MADL)	ESS_3.2.1.207c calculation	PR	7/25/2023
NP = Not Provided						
Heavy Metals						
I Arsenic	0.025	ppm	0.010	ESS_3.2.1.202 ICP-MS	MH	7/21/2023
I Cadmium	<0.010	ppm	0.010	ESS_3.2.1.202 ICP-MS	MH	7/21/2023

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I Lead	0.063	ppm	0.010	ESS_3.2.1.202 ICP-MS	MH	7/21/2023
I Mercury	<0.005	ppm	0.005	ESS_3.2.1.207 ICP-MS	MH	7/21/2023
Inorganic Chemistry						
I Selenium	73.8	mcg/serving		ESS_3.2.1.217 ICP-MS	MH	7/21/2023
Proximate						
I Fat	44.29	%		ESS_3.3.6.205	KW	8/2/2023
Serving Information						
Capsule Fill	499 (client provided)	mg/capsule		Capsule	PR	7/26/2023
Serving Size	2 capsules (client provided)	None	-	ESS_1.1.38	MR	7/26/2023

REVIEWED BY:

AD 8/10/23

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