

Title: **DHA, Fish Oil Concentrate, 135 mg**

Allergy Research Group® / NutriCology®

Document No.: 72630S

Revision: 009

Date Issued: 07/17/2018

Supersedes: 008

Certificate of Analysis

Part Number	72630		
Lot Number	470107		
Product Count & Form	90 Softgels		
Packaging, Closure	120 cc bottle, desiccant		
Storage Condition	Room Temperature		
Shelf Life	30 months	Expiration Date	02/23
Label Number, Size	72630L, C		
Retain Sample	2 bottles per label (4 bottles total)		

ANALYSIS

Physical

Attribute	Method / SOP	Specification	Test Result
Product Color, Size	QC011	Light yellow fill, S2 (Oval 6)	Complies
Product Weight	QC012	Meet USP <2091>: 553.5 – 676.5 mg	618.9 mg
Disintegration	USP <2040>	Meets USP <2040>	7 min.

Purity/Strength per Softgel

Active Ingredients	Label Claim	Release Limits	Test Result
Fish oil (from Anchovy)	600 mg	100-150% LC by input	620.7 mg
EPA - Eicosapentaenoic Acid	NLT 200 mg	NLT 200 mg by GC-FID	220 mg
DHA - Docosahexaenoic Acid	NLT 160 mg	NLT 160 mg by GC-FID	162.4 mg

Other Ingredients: Gelatin, Glycerin, Purified water

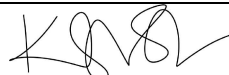
Identification \ Chemical \ Heavy Metals

Attribute	Method / SOP	Specification	Test Result
Identity	Bulk Certificate of Analysis Review	Approved	Complies
Arsenic (inorganic)	ICP-MS per USP <2232>	≤ 15 mcg/day	0.054 mcg/day
Cadmium	ICP-MS per USP <2232>	≤ 5 mcg/day	BQL
Mercury (total)	ICP-MS per USP <2232>	≤ 15 mcg/day	0.037 mcg/day
Lead	ICP-MS per USP <2232>	≤ 10 mcg/day	0.017 mcg/day

BQL- Below Quantitative Level

Microbiology

Attribute	Method / SOP	Specification	Test Result
Total Aerobic Count	USP/ AOAC/ FDA BAM	≤ 1 x 10 ⁴ CFU/g	<10 CFU/g
Total Yeast & Mold	USP/ AOAC/ FDA BAM	≤ 1 x 10 ³ CFU/g	<10 CFU/g
Coliform	USP/ AOAC/ FDA BAM	≤ 1 x 10 ² CFU/g	<3 CFU/g
Escherichia coli	USP/ AOAC/ FDA BAM	None Detected	Absent
Staphylococcus aureus	USP/ AOAC/ FDA BAM	None Detected	Absent
Salmonella	USP/ AOAC/ FDA BAM	None Detected	Absent

Approval: 	Digitally signed by Kimberly Vennebush Date: 2020.08.13 13:01:21 -06'00'	Date: 13AUG2020
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If you liked our service, please tell a friend. If you didn't, please tell us!

Test Certificate

Description: Ez Mega 3
Sample ID: 42630/E00470107
Lot No:
Location:
Received: 3/20/2020
Completed: 3/26/2020

Client: Allergy Research Group
2300 N Loop Rd.
Alameda, CA 94502

Lab No: 191646-02

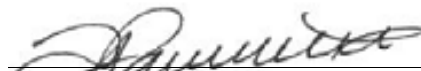
Analysis	Result	Per Unit	Specifications	Method
Total Aerobic Microbial Count	<10	CFU/g	<= 10,000 CFU/g	USP <2021>
Coliform	<3	MPN/g	<= 100 MPN/g	FDA BAM
E Coli	Absent	per 10 grams	Absent	USP <2022>
Salmonella	Absent	per 10 grams	Absent	USP <2022>
Staphylococcus aureus	Absent	per 10 grams	Absent	USP <2022>
Total Yeast & Mold	<10	CFU/g	<= 1,000 CFU/g	USP <2021>
Yeast *	<10	CFU/g	<= 1,000 CFU/g	
Mold *	<10	CFU/g	<= 1,000 CFU/g	

FDA BAM Method Utilized: 10g sample size

THESE RESULTS APPLY ONLY TO THE SAMPLE SUBMITTED AND NOT TO THE PRODUCT FROM WHICH IT WAS TAKEN. THESE RESULTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EXCEPT FOR THE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVANCED LABORATORIES' TERMS OF SERVICE.

THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.

Results Approved By:


Alisa Farnsworth-Quality Technician

Dated:

3/26/2020

Printed: 3/26/2020 4:00:56 PM



If you liked our service, please tell a friend. If you didn't, please tell us!

Test Certificate - Amended

Description: Ez Mega 3
Sample ID: 42630/E00470107
Lot No:
Location:
Received: 3/20/2020
Completed: 3/30/2020

Client: Allergy Research Group
2300 N Loop Rd.
Alameda, CA 94502

Lab No: 191653-02A

Analysis	Result	Per Unit	Specifications	Method
Mercury	0.002	µg / g	< 50 µg / g	ICP-MS USP <730>
Lead	0.009	µg / g	< 50 µg / g	ICP-MS USP <730>
Arsenic	0.029	µg / g	< 50 µg / g	ICP-MS USP <730>
Cadmium	< 0.001	µg / g	< 50 µg / g	ICP-MS USP <730>
Calories	5.48	cal/softgel	Report	Calculation
Calories from Fat	5.45	cal/softgel	Report	Calculation
Total Carbohydrate	0.01	g/softgel	Report	AOAC 979.06
Total Fat	0.61	g/softgel	Report	AOAC 991.36
† Total Protein	0.489	mg/softgel		AOAC 990.03
Ash	0.00	g/softgel	Report	AOAC 942.05
Moisture	0.01	g/softgel	Report	AOAC 930.15
†§ Anisidine Value	6.42		Report	USP
†§ Peroxide Value	2.79		Report	USP
† Oxidizing Substances	12.0		Report	USP

Analysis performed on a composite sample made from ten softgels.

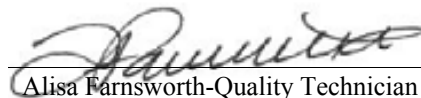
Average fill weight = 619.7 mg

§Added Anisidine & Peroxide Values

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Results Approved By:


Alisa Farnsworth-Quality Technician

Dated:

3/30/2020

Tests marked with † were done at Atlas Bioscience Labs, LLC, a joint venture with Advanced Laboratories. -
1775 S. Pantano Rd - Ste #110, Tucson, AZ 85710

Printed: 3/31/2020 12:52:16 PM

Lab No. 191653-02A
replaces 191653-02

Eurofins Scientific Inc. (Petaluma)

1365 Redwood Way
Petaluma, CA 94954
+1 707 792 7300
ESACClientServices@EurofinsUS.com

Allergy Research Group

Client Code: KK0000642

ARG Q.C. Group
2300 North Loop Road
Alameda, CA 94502

ANALYTICAL REPORT

AR-20-KK-004189-02
Report Supersedes AR-20-KK-004189-01

Received On: 24Mar2020
Reported On: 02Apr2020

Eurofins Sample Code: 740-2020-03240030	Sample Registration Date: 24Mar2020
Client Sample Code:	Condition Upon Receipt: acceptable, 20°C
Sample Description: DHA, Softgels, Lot #42630/E00470107, Serving = 1 Softgel	Sample Reference:

QD05C - Fatty Acids-Full Omega 9,6&3 & Trans %W/W	Reference AOAC 996.06 mod.	Accreditation ISO/IEC 17025:2017 A2LA 2927.01	Completed 01Apr2020	Sub 1
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Parameter	AS Is Basis	Serving Size	Theoretical
C16:1 Omega 7	0.29 %	1.8 mg/Serving	
C16:2 (Hexadecadienoic Acid)	0.03 %	0.2 mg/Serving	
C16:3 (Hexadecatrienoic Acid)	0.04 %	0.2 mg/Serving	
C 16:4 (Hexadecatetraenoic Acid)	0.05 %	0.3 mg/Serving	
C18:1 (Vaccenic acid)	0.44 %	2.7 mg/Serving	
Total Omega 5 Isomers	<0.05 %	<0.4 mg/Serving	
Total Omega 7 Isomers	0.73 %	4.5 mg/Serving	
Fatty Acid Profile	Reported as Fatty Acids	Reported as Fatty Acids	
C4:0 (Butyric Acid)	<0.02 %	<0.2 mg/Serving	
C6:0 (Caproic acid)	<0.02 %	<0.2 mg/Serving	
C8:0 (Caprylic acid)	<0.02 %	<0.2 mg/Serving	
C10:0 (Capric acid)	<0.02 %	<0.2 mg/Serving	
C11:0 (Undecanoic acid)	<0.02 %	<0.2 mg/Serving	
C12:0 (Lauric Acid)	<0.02 %	<0.2 mg/Serving	
C14:0 (Myristic acid)	0.12 %	0.74 mg/Serving	
C14:1 (Myristoleic acid)	<0.02 %	<0.2 mg/Serving	
C15:0 (Pentadecanoic acid)	<0.02 %	<0.2 mg/Serving	
C15:1 (Pentadecenoic acid)	<0.02 %	<0.2 mg/Serving	
C16:0 (Palmitic Acid)	0.27 %	1.7 mg/Serving	
C16:1 Total (Palmitoleic Acid + isomers)	0.34 %	2.1 mg/Serving	
C17:0 (Margaric Acid)	<0.02 %	<0.2 mg/Serving	
C17:1 (Heptadecenoic Acid)	<0.02 %	<0.2 mg/Serving	
C18:0 (Stearic Acid)	0.64 %	4.0 mg/Serving	

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Reported On: 02Apr2020

Eurofins Sample Code: 740-2020-03240030

Sample Registration Date: 24Mar2020

Client Sample Code:

Condition Upon Receipt: acceptable, 20°C

Sample Description: DHA, Softgels, Lot
#42630/E00470107, Serving
= 1 Softgel

Sample Reference:

**QD05C - Fatty Acids-Full Omega 9,6&3 &
Trans %W/W**

Reference
AOAC 996.06 mod.

Accreditation
ISO/IEC 17025:2017
A2LA 2927.01

Completed
01Apr2020

Sub
1

Parameter	AS Is Basis	Serving Size	Theoretical
C18:1 Omega 9 (Oleic Acid)	1.04 %	6.45 mg/Serving	
C18:1, Total (Oleic Acid + isomers)	1.57 %	9.74 mg/Serving	
C18:2 Omega 6 (Linoleic Acid)	0.20 %	1.2 mg/Serving	
C18:2, Total (Linoleic Acid + isomers)	0.48 %	3.0 mg/Serving	
C18:3 Omega 3 (Alpha Linolenic Acid)	0.50 %	3.1 mg/Serving	
C18:3 Omega 6 (Gamma Linolenic Acid)	<0.02 %	<0.2 mg/Serving	
C18:3, Total (Linolenic Acid + isomers)	0.52 %	3.2 mg/Serving	
C18:4 Omega 3 (Octadecatetraenoic Acid)	0.27 %	1.7 mg/Serving	
C18:4 Total (Octadecatetraenoic Acid)	0.27 %	1.7 mg/Serving	
C20:0 (Arachidic Acid)	0.65 %	4.0 mg/Serving	
C20:1 Omega 9 (Gondoic Acid)	2.22 %	13.8 mg/Serving	
C20:1 Total (Gondoic Acid + isomers)	2.51 %	15.6 mg/Serving	
C20:2 Omega 6	0.32 %	2.0 mg/Serving	
C20:2 Total (Eicosadienoic Acid)	0.32 %	2.0 mg/Serving	
C20:3 Omega 3	0.35 %	2.2 mg/Serving	
C20:3 Omega 6	0.27 %	1.7 mg/Serving	
C20:3, Total (Eicosatrienoic Acid)	0.62 %	3.8 mg/Serving	
C20:4 Omega 3	0.10 %	0.62 mg/Serving	
C20:4 Omega 6 (Arachidonic Acid)	1.91 %	11.8 mg/Serving	
C20:4, Total (Eicosatetraenoic Acid)	2.01 %	12.5 mg/Serving	
C20:5 Omega 3 (Eicosapentaenoic Acid)	32.25 %	200.0 mg/Serving	200 mg/Serving
C21:5 Omega 3 (Heneicosapentaenoic Acid)	1.48 %	9.18 mg/Serving	
C22:0 (Behenic Acid)	0.20 %	1.2 mg/Serving	
C22:1 Omega 9 (Erucic Acid)	0.45 %	2.8 mg/Serving	
C22:1 Total (Erucic Acid + isomers)	1.61 %	9.99 mg/Serving	
C22:2 Docosadienoic Omega 6	0.14 %	0.87 mg/Serving	
C22:3 Docosatrienoic, Omega 3	0.05 %	0.3 mg/Serving	
C22:4 Docosatetraenoic Omega 6	0.22 %	1.4 mg/Serving	
C22:5 Docosapentaenoic Omega 3	3.39 %	21.0 mg/Serving	
C22:5 Docosapentaenoic Omega 6	0.80 %	5.0 mg/Serving	
C22:5 Total (Docosapentaenoic Acid)	4.18 %	25.9 mg/Serving	
C22:6 Docosahexaenoic Omega 3	26.19 %	162.4 mg/Serving	160 mg/Serving
C24:0 (Lignoceric Acid)	0.06 %	0.4 mg/Serving	

ARG Q.C. Group
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Alameda, CA 94502

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Received On: 24Mar2020
Reported On: 02Apr2020

Eurofins Sample Code: 740-2020-03240030	Sample Registration Date: 24Mar2020			
Client Sample Code:	Condition Upon Receipt: acceptable, 20°C			
Sample Description: DHA, Softgels, Lot #42630/E00470107, Serving = 1 Softgel	Sample Reference:			
QD05C - Fatty Acids-Full Omega 9,6&3 & Trans %W/W	Reference AOAC 996.06 mod.	Accreditation ISO/IEC 17025:2017 A2LA 2927.01	Completed 01Apr2020	Sub 1

Parameter	AS Is Basis	Serving Size	Theoretical
C24:1 Omega 9 (Nervonic Acid)	0.64 %	4.0 mg/Serving	
C24:1 Total (Nervonic Acid + isomers)	0.72 %	4.5 mg/Serving	
Total Omega 3 Isomers	64.58 %	400.6 mg/Serving	%
Total Omega 6 Isomers	3.87 %	24.0 mg/Serving	
Total Omega 9 Isomers	4.37 %	27.1 mg/Serving	
Total Saturated Fatty Acids	1.98 %	12.3 mg/Serving	
Total Monounsaturated Fatty Acids	6.69 %	41.5 mg/Serving	
Total Polyunsaturated Fatty Acids	68.74 %	426.4 mg/Serving	
Total Trans Fatty Acids	0.19 %	1.2 mg/Serving	
Total Fatty Acids	77.59 %	481.3 mg/Serving	
Total Fat as Triglycerides	80.73 %	500.7 mg/Serving	
Method performed by an outsource lab.			

KK730 - Serving Size (Content Weight)	Reference No Reference	Completed 01Apr2020	
Parameter	AS Is Basis	Serving Size	Theoretical
Serving Size	620.27 mg		mg
Units Per Serving	1		1
Average Content Weight	620.27 mg		mg

Received Condition:

Subcontracting partners:
1 - Eurofins Scientific Inc. (Des Moines), IA

Allergy Research Group

Client Code: KK0000642

ARG Q.C. Group
2300 North Loop Road
Alameda, CA 94502

ANALYTICAL REPORT

AR-20-KK-004189-02
Report Supersedes AR-20-KK-004189-01

Received On: 24Mar2020
Reported On: 02Apr2020

Respectfully Submitted,



Monica Tran
Quality Control Supervisor

Results shown in this report relate solely to the item submitted for analysis. | Any opinions/interpretations expressed on this report are given independent of the laboratory's scope of accreditation. | All results are reported on an "As Received" basis unless otherwise stated. | Reports shall not be reproduced except in full without written permission of Eurofins Scientific, Inc. | All work done in accordance with Eurofins General Terms and Conditions of Sale: www.eurofinsus.com/terms_and_conditions.pdf | √ Indicates a subcontract test to a different lab. Lab(s) are listed at end of the report. For further details about the performing labs please contact your customer service contact at Eurofins. Measurement of uncertainty can be obtained upon request.