


TEST REPORT NO 323934/24/GDY

Client 7FIT S.A. Stanowice 82A 55-200 Stanowice		Sample (according to declaration of Client) Sample description: 7NUTRITION OMEGA 3 110 softgels Batch: 280324.1 Production date: 28.03.2024 Expiry date: 30.04.2026
Sample reception date:	01.06.2024	Sample status: no objections Sample received from the Client
Start of analysis	03.06.2024	
End of analysis	01.07.2024	
Test report date	01.07.2024	

Test Method	Unit	Result	Criteria	Statement of conformity
Fatty acids profile ^{1) 3)} PN-EN ISO 12966-1:2015-01; PN-EN ISO 12966-2:2017-05 except p.5.3 and 5.5; PN-EN ISO 12966-4:2015-07				
C4:0 butyric acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C6:0 caproic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C8:0 caprylic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C10:0 capric acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C11:0 undecylic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C12:0 lauric acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C13:0 tridecylic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C14:0 myristic acid	mg/capsule filling	9 ± 1	-	-
C14:1 myristoleic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C15:0 pentadecanoic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C15:1 ginkgolic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C16:0 palmitic acid	mg/capsule filling	45 ± 5	-	-
C16:1n7 palmitoleic acid	mg/capsule filling	18 ± 2	-	-
C16:1 (sum of)	mg/capsule filling	18 ± 2	-	-
C17:0 margaric acid	mg/capsule filling	3 ± 1	-	-
C16:2n4 hexadecadienoic acid	mg/capsule filling	2 ± 1	-	-
C17:1 margaroleic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C16:3n4 hexadecatrienoic acid	mg/capsule filling	3 ± 1	-	-
C18:0 stearic acid	mg/capsule filling	40 ± 4	-	-
C18:1n9 trans elaidic acid	mg/capsule filling	1 ± 1	-	-
C18:1n9 oleic acid	mg/capsule filling	82 ± 8	-	-
C18:1n7 vaccenic acid	mg/capsule filling	29 ± 3	-	-
C18:1 (sum of)	mg/capsule filling	115 ± 15	-	-
C18:2n6 trans linolelaidic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C18:2 trans (sum of)	mg/capsule filling	8 ± 1	-	-

TEST REPORT NO 323934/24/GDY

C18:2 (sum of)	mg/capsule filling	21 ± 3	-	-
C18:2n6 linoleic acid (LA)	mg/capsule filling	13 ± 1	-	-
C20:0 arachidic acid	mg/capsule filling	5 ± 1	-	-
C18:3n6 γ-linolenic acid (GLA)	mg/capsule filling	2 ± 1	-	-
C21:0 heneicosanoic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C18:3n4 octadecatrienoic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C20:1 eicosenoic acid	mg/capsule filling	14 ± 1	-	-
C20:1 (sum of)	mg/capsule filling	16 ± 2	-	-
C18:3n3 α-linolenic acid (ALA)	mg/capsule filling	6 ± 1	-	-
C18:3 (sum of)	mg/capsule filling	8 ± 1	-	-
C18:4n3 stearidonic acid (SDA)	mg/capsule filling	28 ± 3	-	-
C20:2n6 eicosadienoic acid	mg/capsule filling	3 ± 1	-	-
C22:0 behenic acid	mg/capsule filling	2 ± 1	-	-
C20:3n6 dihomo-γ-linolenic acid	mg/capsule filling	3 ± 1	-	-
C22:1n11 gadoleic acid	mg/capsule filling	3 ± 1	-	-
C22:1n9 erucic acid	mg/capsule filling	3 ± 1	-	-
C22:1 (sum of)	mg/capsule filling	6 ± 1	-	-
C20:3n3 eicosatrienoic acid (ETE)	mg/capsule filling	2 ± 1	-	-
C20:4n6 arachidonic acid (ARA)	mg/capsule filling	13 ± 1	-	-
C23:0 tricosylic acid	mg/capsule filling	3 ± 1	-	-
C22:2n6 docosadienoic acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C20:4n3 eicosatetraenoic acid (ETA)	mg/capsule filling	15 ± 2	-	-
C20:5n3 eicosapentaenoic acid (EPA)	mg/capsule filling	337 ± 34	-	-
C24:0 lignoceric acid	mg/capsule filling	< 1 (1 ± 1)	-	-
C24:1n9 nervonic acid	mg/capsule filling	4 ± 1	-	-
C22:5n3 docosapentaenoic acid (DPA)	mg/capsule filling	33 ± 3	-	-
C22:6n3 docosahexaenoic acid (DHA)	mg/capsule filling	217 ± 22	-	-
Other fatty acids	mg/capsule filling	50 ± 7	-	-
Total saturated fatty acids (SAFA)	mg/capsule filling	107 ± 14	-	-
Total monounsaturated fatty acids (MUFA) ²⁾	mg/capsule filling	157 ± 20	-	-
Total polyunsaturated fatty acids (PUFA) ²⁾	mg/capsule filling	677 ± 88	-	-
Sum of trans fatty acids isomers	mg/capsule filling	9 ± 1	-	-
Total Omega-3 fatty acids ²⁾	mg/capsule filling	638 ± 83	-	-
Total Omega-6 fatty acids ²⁾	mg/capsule filling	35 ± 5	-	-
Total Omega-9 fatty acids ²⁾	mg/capsule filling	98 ± 13	-	-
* Water PN-EN ISO 8534:2017-03	% (w/w)	0,06	-	-
Insoluble impurities PN-EN ISO 663:2017-03				
Insoluble impurities	%	<0,1	-	-

TEST REPORT NO 323934/24/GDY

Insoluble impurities	g/100 g	<0,1	-	-
Total fatty matter BS 684-2.4:1976				
Total fatty matter	%	99,65 ± 4,98	-	-
	g/100 g	99,65 ± 4,98	-	-
Ash ISO 6884:1985 (withdrawn)				
Ash	%	0,29 ± 0,02	-	-
	g/100 g	0,29 ± 0,02	-	-

- 1) Capsule filling weight declared by the Client: 1005 mg.
- 2) Results of individual sums of unsaturated fatty acids do not include the content of trans fatty acids.
- 3) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.

Authorized by:

ID: 53, Fuel Laboratory Manager Gdynia, Fuel Laboratory
 ID: 98, Analysis Expert, Gas Chromatography Laboratory
 ID: 346, Analysis Expert, Nutrition Analysis Laboratory
 ID: 383, Analysis Expert, Classical Analysis Laboratory
 ID: 548, Analysis Expert, Classical Analysis Laboratory

The test report bears the certified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:

Chwaszczyńska 180, 81-571 Gdynia

The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor $k=2$ at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. If the "result" column of the accredited method contains a record: "<" or ">", it means, that it is the test outcome directly related to the lower or upper limit of the measuring range of the accredited method, whereas the given expanded measurement uncertainty relates only to the lower or upper limit of the measuring range of the accredited method respectively. In such a case, the Laboratory presents the opinion and interpretation in the "statement of conformity" column, which is based on the obtained test outcome. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

* Test method accredited

Test performed by external provider

THE END OF THE REPORT