

REPORT No. SB/64172/09/21

Customer		ToPlanta Sp. z o.o. , Kościelna 6, Siemianice			
Order no		AFC/025006/08/21/WRO		Customer's order No.	N/D
Sample type		Food	Sample location	N/D	
Sampling method:		N/D	Sampler	Sample provided by the Principal	
Order date			Reporting date		
2021-08-31			2021-09-17		
Sample characterization					
Sample code	001/31/08/21	Sample name	Hemp oil	Production date	N/D
				Expiration date	N/D
		LOT	N/D	Register date	2021-08-31
		Sampling point	N/D	Test initiation date	2021-08-31
				Test completion date	2021-09-13
		Material	N/D	Packaging type	alternative
		Sample condition	unreservedly		

Tested parameter	MWA	Unit	Method	Result 001/31/08/21	Expanded uncertainty	PL ^{*1}
Nitrogen	2	g/100g	Titratable according to Kjeldahl, in accordance with PN-EN ISO 20483:2014-02. Protein content from calculation (conversion factor 6.25) (NA)	0,06	-	-
Protein	2	g/100g		0,39	-	-
Total sugars	2	g/100g	Luff-Schoorl titration according to IB-13, edition 8, 12.03.2021 (NA)	<0,15	-	-
Dietary fiber	2	g/100g	Enzyme/weigh method, according to AOAC 991.43:1994; IB-24 Issue 3, 01/12/2020 (NA)	<0,26	-	-
Assimilable carbohydrates	2	g/100g	From the calculations, based on the test results given in this report, according to IB-08 issue 3 (02.06.2014) (NA)	0,77	-	-
Total ash	2	g/100g	Method by weight according to Commission Regulation (EC) No 152/2009 of 27.01.2009, Annex III, pt. A (OJ L 54, 26.02.2009). Incineration temperature 550°C (NA)	0,04	-	-

Place of performance test: 1 – Duńska 9, 54-427 Wrocław, Poland; 2 - AB1179

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Signed by: Mateusz Latosinski
Signed by QES



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Tested parameter	MMA	Unit	Method	Result 001/31/08/21	Expanded uncertainty	PL ^{*1}
Water	2	g/100g	Method by weight according to Commission Regulation (EC) No 152/2009 Annex III, pt. A (OJ L 54, 26.02.2009) excluding sampling, drying temperature 103°C. Dry matter content by calculation (NA)	0,17	-	-
Dry mass	2	g/100g		99,83	-	-
Fat	2	g/100g	Weight by Soxhlet, according to IB-17 Issue 4, 10/03/2021. (A)	98,42	-	-
Saturated fatty acids (SFA)	2	g/100g	Gas chromatography with flame ionization detector (GC/FID), according to PN-EN ISO 12966-1:2015+AC:2015-06, PN-EN ISO 12966-2:2017-05 point.5.2.Sum of individual acids from calculation (A)	9,76	-	-
Monounsaturated fatty acids (MUFA)	2	g/100g		10,04	-	-
Polyunsaturated fatty acids (PUFA)	2	g/100g		72,23	-	-
Trans fatty acids (TFA)	2	g/100g		0,13	-	-
Omega-3	2	g/100g		16,58	-	-
Omega-6	2	g/100g		55,65	-	-
Energy value	2	kJ/100g	From the calculations, based on the test results given in this report, in accordance with Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011. (Annex XIV) (NA)	3662,94	-	-
Caloric value	2	kcal/100g		890,84	-	-

The uncertainty of the method was defined as the expanded uncertainty. Coverage factor k = 2, the confidence level of 95%.

The "<" or ">" means that the result is below or above the detection limit.

¹Permissible Limits

(A) - methodology accredited to AB1179

(NA) - non-accredited methodology

The final provisions:

1. The test results relate only to the sample and characteristics.
2. Without the written consent of the laboratory report may not be reproduced otherwise than as a whole.
3. The Laboratory is not responsible for the compliance of the sampling site in the event the sample is delivered by the Principal.

Report prepared:

Environmental Project Specialist
Elżbieta Świerczek

Authorized the report:

Environmental Project Specialist
inż. Mateusz Latosinski

Signature and stamp not required

Signed by Qualified Electronic Signature (QES)

---END OF REPORT---

Place of performance test: 1 – Duńska 9, 54-427 Wrocław, Poland; 2 - AB1179

