

REPORT OF ANALYSIS No. 40261/18/JSHR

Client DACHIM SRL STR. GHEORGHE LAZĂR 11 401077 TURDA	Sample description (according to declaration of Client) LIN SEED OIL Production date: 25.01.2018 Lot/batch: IN 01 Lot quantity: 250l Sample quantity: 250ML Expiration date: 25.06.2019 Sampling date: - Sample condition with no objections
Sample received: 2018-01-30	Order of 2018-01-30 The samples were delivered by Client
Analysis completed: 2018-02-06	
Report dated: 2018-02-06	

Test	Method	Unit	Result
* Fatty acids profile	PN-EN ISO 12966-1:2015-01, PN-EN ISO 12966-2:2011 except p.4.3 and 4.5		
C4:0 butyric acid		g/100 g fat	< 0,1
C6:0 caproic acid		g/100 g fat	< 0,1
C8:0 caprylic acid		g/100 g fat	< 0,1
C10:0 capric acid		g/100 g fat	< 0,1
C12:0 lauric acid		g/100 g fat	< 0,1
C14:0 myristic acid		g/100 g fat	< 0,1
C15:0 pentadecanoic acid		g/100 g fat	< 0,1
C16:0 palmitic acid		g/100 g fat	5,6
C17:0 margaric acid		g/100 g fat	< 0,1
C18:0 stearic acid		g/100 g fat	3,6
C20:0 arachidic acid		g/100 g fat	0,1
C22:0 behenic acid		g/100 g fat	0,1
C24:0 lignoceric acid		g/100 g fat	< 0,1
C14:1 myristoleic acid		g/100 g fat	< 0,1
C16:1n7 palmitoleic acid		g/100 g fat	< 0,1
C16:1 (sum of)		g/100 g fat	< 0,1
C17:1 margaroleic acid		g/100 g fat	< 0,1
C18:1n9 trans elaidic acid		g/100 g fat	< 0,1
C18:1n9 oleic acid		g/100 g fat	18,3
C18:1 (sum of)		g/100 g fat	19,1
C20:1n9 eicosenoic acid		g/100 g fat	0,1
C20:1 (sum of)		g/100 g fat	0,1
C22:1n9 erucic acid		g/100 g fat	< 0,1
C22:1 (sum of)		g/100 g fat	< 0,1
C24:1n9 nervonic acid		g/100 g fat	< 0,1
C18:2 trans (sum of)		g/100 g fat	< 0,1
C18:2n-6 linoleic acid (LA)		g/100 g fat	14,8
C18:2 (sum of)		g/100 g fat	14,8
C18:3n-3 α-linolenic acid (ALA)		g/100 g fat	56,4
C18:3n-6 γ-linolenic acid (GLA)		g/100 g fat	0,2
C18:4 n3 stearidonic acid (SDA)		g/100 g fat	< 0,1

Authorized by: Hanna Kubiak, Senior Specialist Analyst, Gas Chromatography Laboratory

Approved by: Hanna Wachowska, Laboratory Director (Approved with electronic signature)

Laboratory: Gdynia 81-571, Chwaszczyńska 180

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* Test method accredited, PCA; # Test performed by subcontractor

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J.S. HAMILTON POLAND S.A.

ul. Chwaszczyńska 180, 81-571 Gdynia, Poland, tel. +48 58 766 99 00



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C18:3 (sum of)	g/100 g fat	56,6
C20:2n-6 eicosadienoic acid	g/100 g fat	< 0,1
C20:3 n-3 eicosatrienoic acid (ETE)	g/100 g fat	< 0,1
C20:3n-6 dihomo- γ -linolenic acid	g/100 g fat	< 0,1
C20:4n-3 eicosatetraenoic acid (ETA)	g/100 g fat	< 0,1
C20:4n-6 arachidonic acid (ARA)	g/100 g fat	< 0,1
C20:5n-3 eicosapentaenoic acid (EPA)	g/100 g fat	< 0,1
C22:2n-6 docosadienoic acid	g/100 g fat	< 0,1
C22:5n-3 docosapentaenoic acid (DPA)	g/100 g fat	< 0,1
C22:6n-3 docosahexaenoic acid (DHA)	g/100 g fat	< 0,1
Other fatty acids	g/100 g fat	< 0,1
Total saturated fatty acids (SAFA)	g/100 g fat	9,4
Total monounsaturated fatty acids (MUFA) ¹⁾	g/100 g fat	19,2
Total polyunsaturated fatty acids (PUFA) ¹⁾	g/100 g fat	71,4
Total trans fatty acids	g/100 g fat	< 0,1
Total Omega-3 fatty acids ¹⁾	g/100 g fat	56,4
Total Omega-6 fatty acids ¹⁾	g/100 g fat	15,0
Total Omega-9 fatty acids ¹⁾	g/100 g fat	18,4

¹⁾ Results of individual sums unsaturated fatty acids do not include content of trans fatty acids.

END OF REPORT

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