

Analysis certificate

Dave Le Roux
 Voorhelmstraat 4 ZW
 2012 ZR HAARLEM

Report

Report code	: C6084409	Sampling	: not by GAC	Number of pages	: 1/2
Sample code	: CSX200730654	Sampling loc.	:		
Report date	: 7-8-2020	Customer nr.	: 11952		
Date of receipt	: 30-7-2020	Location	: Dave Le Roux		

Sample information

Product	: Avocado Oil Refined	Country of origin	: Spain
Variety	:	Cust. Sample code	: 005881
Supplier	:	Traceability code	: 10/03/2020

The reported results refer only to the sample investigated

<u>Component</u>	<u>Result</u>	<u>Unit</u>	<u>Method</u>	
Density (20 °C)	0,913	g/ml		
Total Fat	100	g/100g	ISO 1443	
<u>Fatty acids (% fatty acid of the total amount of fat)</u>				
C16:0 Palmitic Acid	7,1	%	GC-FID	
C16:1 Palmitoleic Acid	0,6	%		
C18:0 Stearic Acid	3,2	%		
C18:1n9 Oleic Acid (Cis)	60,4	%		
C18:1n7 Vaccenic acid	1,4	%		
C18:2n6 Linoleic Acid (Cis) (ω-6)	23,5	%		
C18:3n3 Alpha-Linolenic Acid (ω-3)	2,2	%		
C20:0 Arachidic Acid	0,3	%		
C20:1n9 Cis-11-Eicosenoic Acid	0,3	%		
C22:0 Behenic Acid	0,6	%		
C24:0 Lignoceric Acid	0,3	%		
<u>Summary (% fatty acid of the total amount of fat)</u>				
Saturated	12	%		
Mono-unsaturated	63	%		
Poly-unsaturated	26	%		
Total unsaturated	88	%		
Omega 3	2,2	%		
Omega 6	24	%		
Omega 9	61	%		
Trans fatty acids	<0,1	%		

See next page for the remainder

Accorded by director



Dr. J.B.A. van Tol



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Appendix 1
Fatty acids screening GC-FID LOQ= 0.1 %
C4:0 Butyric Acid
C6:0 Caproic acid
C8:0 Caprylic acid
C10:0 Capric acid
C11:0 Undecanoic acid
C12:0 Lauric acid
C13:0 Tridecanoic acid
C14:0 Myristic Acid
C14:1 Myristoleic Acid
C15:0 Pentadecanoic Acid
C15:1 Cis-10-Pentadecenoic Acid
C16:0 Palmitic Acid
C16:1 Palmitoleic Acid
C17:0 Heptadecanoic Acid
C17:1 Cis-10-Heptadecenoic Acid
C18:0 Stearic Acid
C18:1n9 Elaidic Acid (Trans)
C18:1n9 Oleic Acid (Cis)
C18:1n7 Vaccenic acid
C18:3n6 Linolelaidic Acid (Trans)
C18:2n6 Linoleic Acid (Cis) (ω -6)
C18:3n6 Gamma-Linolenic Acid (ω -6)
C18:3n3 Alpha-Linolenic Acid (ω -3)
C20:0 Arachidic Acid
C20:1n9 Cis-11-Eicosenoic Acid
C21:0 Heneicosanoic Acid
C20:2n6 Cis-11,14-Eicosadienoic Acid (ω -6)
C20:3n6 Cis-8,11,14-Eicosatrienoic Acid (ω -6)
C20:4n6 Arachidonic Acid (ω -6)
C20:3n3 Cis-11,14,17-Eicosatrienoic Acid (ω -3)
C22:0 Behenic Acid
C22:1n9 Erucic Acid
C20:5n3 Cis Eicosapentaenoic Acid (EPA)
C23:0 Tricosanoic
C22:2 Cis-13,16-Docosadienoic Acid (ω -6)
C24:0 Lignoceric Acid
C24:1n9 Nervonic Acid
C22:6n3 Cis Docosahexaenoic Acid

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