



Sample code:	440-2018-0228-049	Sampled on:	
Description:	Sweetener	Sampled by:	Oppdragsgiver
Client Sample:	High Intensity, Prebiotic Sweetener	Analysis date:	28.02.2018
Analysis	Result	Unit	LOQ: MU Method
a) Ash residue 500-550 °C			
a) HEA39 Ash 500-550 °C	<0.1	% (w/w)	0.1 Internal Method
a)* Carbohydrates (calculated)			
a)* HEC51 Carbohydrates, Calculated	20.3	% (w/w)	1 Internal Method
a)* Energetic value			
a)* HEG70 Energy value (kcal)	230	kcal/100 g	5 Internal Method
a)* HEG70 Energy kJ (calculated)	960	kJ/100 g	20 Internal Method
b)* Fatty acid composition (including Trans Fats) Semi-Quantitative (relative) analysis			
b)* RMF06 C 4:0 (Butyric Acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 6:0 (Caproic acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 8:0 (Caprylic acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 10:0 (Capric acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C10:1 9-Decenoic acid	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 11:0 (Undecanoic acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 12:0 (Lauric acid)	3.0	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 12:1 (Dodecenoic acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 13:0 (iso)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 13:0 (anteiso)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 13:0 (Tridecanoic acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 14:0 (iso)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 14:0 (Myristic acid)	6.4	%	0.1 ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 14:1-n9t (Tetradecenoic Acid)	<0.1	%	0.1 ISO 12966-2/4-M , Internal Method

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b)* RMF06 C 14:1-n9c (Tetradecenoic Acid)	<0.1 %	0.1	(extraction) ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C15:0 (iso)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C15:0 (anteiso)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 15:0 (Pentadecanoic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 15:1-n10t (Pentadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 15:1-n10c (Pentadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C16:0 (iso)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 16:0 (Palmitic acid)	28.2 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 16:1-n9t (Hexadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 16:1-n7t (Hexadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 16:1-n9c (Hexadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C16:2n-4 Hexadecadienoic	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C16:3n-4 Hexadecatrienoic	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C17.0 (anteiso)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 17:0 (Margaric acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 17:1-n7t (Heptadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 17:1-n7c (Heptadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C 18:0 (Stearic acid)	11.3 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06 C18:1-n11T (Octadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M ,

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b)* RMF06	C18:1-n9T (Elaidic Acid)	<0.1 %	0.1	Internal Method (extraction)
b)* RMF06	C18:1-n7T (Vaccenic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:1-n11c (Octadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:1-n9c (Oleic Acid)	27.7 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:1-n7c (Vaccenic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:1-n6c (Petroselinic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:2-5,9 Taxoleic acid	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:2-n6T (Linoleic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:2-n6c (Linoleic acid)	10.6 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	9(Z), 11(E) C18:2 (CLA)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	10(E), 12(Z) C18:2 (CLA)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:3-5,9,12 Pinolenic acid	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C 18:3n6 (γ-Linolenic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:3n-4 Gamma Linolenic	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C 18:3 n3 (alpha-Linolenic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C18:4-n3 (Stearidonic acid (SDA))	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C 19:0 (Nonadecanoic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C19:1-n10t (Nonadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)

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b)*	RMF06	C19:1-n7t (Nonadecenoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C 20:0 (Arachidic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:1n-9t (Gondoic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	Gondoic acid C20:1 (n-9c)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C 20:2 (Eicosadienoic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:3-5,11,14 Sciadonic acid	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:3-n6t (Eicosatrienoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:3n6-cis-DGLA	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:3n3-cis-ETA	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:4 Eicosatetraenoic Omega 6	10.4 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:4 Eicosatetraenoic Omega 3	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C20:5n-3 Eicosapentaenoic (EPA)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C 21:0 (Heneicosanoic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C 22:0 (Behenic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C22:1-n11c (Cetoleic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C22:1-n9t (Erucic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C22:1-n9c (Erucic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C22:2-n6c (Docosadienoic Acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)*	RMF06	C22:3 Docosatrienoic, Omega 3	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method

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b)* RMF06	C22:4-n6c (Adrenic Acid)	<0.1 %	0.1	(extraction) ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C22:5n-6 Docosapentaenoic (DPA)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C22:5n-3 Docosapentaenoic (DPA)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C22:6n-3 Docosahexaenoic (DHA)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C 23:0 (Tricosanoic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C 24:0 (Lignoceric acid)	2.4 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	C 24:1 (Nervonic acid)	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	Saturated fatty acids	51.3 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	Sum monounsaturated fatty acids (MUFA)	27.7 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	Sum polyunsaturated fatty acids (PUFA)	21.0 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	Total Trans Fatty Acids	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	Fatty Acids, Sum Of Omega 3 Calc.	<0.1 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	Fatty Acids, Sum Of Omega 6 Calc.	21.0 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
b)* RMF06	Total fatty acids	100.0 %	0.1	ISO 12966-2/4-M , Internal Method (extraction)
Due to the low fat content in the sample, the results for the fatty acid composition is reported as a few components.				
a)* Dietary fibre HMWDF & LMWDF				
a)* HEC1A	HMWDF + RS	25.0 % (w/w)	0.2	Internal Method
a)* HEC1A	LMWDF	50.8 % (w/w)	0.3	Internal Method
a)* HEC1A	Total dietary fibre	75.8 % (w/w)		Internal Method
a) Protein (Kjeldahl)				
a) HEP42	Protein (Nx6,25)	<0.5 % (w/w)	0.5	Internal Method
a) HEG3J	Salt (calc. from sodium)	0.0028 %	0.0002	Internal Method
a) Sodium (Na)				
a) HEME5	Sodium	11 mg/kg	5	Internal Method
a) Total fat (Soxhlet)				

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a)	HEF34	Total fat, Soxhlet	0.34 % (w/w)	0.2	Internal Method
a)* Total sugars after hydrolysis (as glucose)					
a)*	HEC54	Total sugar, after hydrolysis	9.84 % (w/w)	0.1	Internal Method
a) Moisture 102 °C					
a)	HEB31	Moisture (< 20%)	3.55 % (w/w)	0.2	Internal Method

Test was performed by / subcontractor:

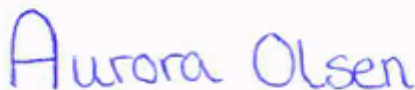
a)* Eurofins Food Testing Netherlands (Heerenveen), Leeuwarderstraatweg 129, P.O. Box 766, NL-8440 AT, Heerenveen

a) Eurofins Food Testing Netherlands (Heerenveen), Leeuwarderstraatweg 129, P.O. Box 766, NL-8440 AT, Heerenveen NEN EN ISO/IEC 17025:2005 RVA L154,

b)* Eurofins Food Testing Rotterdam, Bijdorplein 17-23, NL-2992 LB, Barendrecht

Report comments:

New version: Changed report language.

Moss 03.04.2018


Aurora Olsen

Analytical Service Manager

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