

TEST CERTIFICATE No.: 1777/2017

Testing laboratory: EUROFINS BEL/NOVAMANN s. r. o. Komjatická 73, 940 02 Nové Zámky Slovakia Place of work: Testing laboratory Nové Zámky Komjatická 73, 940 02 Nové Zámky, Slovakia tel.: +421-35-6429286, +421-35-6428336 fax: +421-35-6447011 SekretariatNZ@eurofins.sk, MarketingNZ@eurofins.sk, www.eurofins.sk	Customer: SENS Foods Operations Ltd. 71-75 Shelton Street Covent Garden London WC2H9JQ Great Britain
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Product information: Name of Product: PROETIN BAR PEANUT BUTTER & CINNAMON
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Information about Sampling: Sampler: customer

Date of Sample Receipt: 06.01.2017	Date of Testing: 06.01.2017 - 17.01.2017	Certificate issued on: 17.01.2017
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Physical and chemical tests

Parameter	Unit	Measured Value	Uncertainty*	Testing method /Process variance	SL	TT
Caproic acid (C6:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Butyric acid (C4:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Caprylic acid (C8:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Capric acid (C10:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Undecanoic acid (C11:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Lauric acid (12:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Tridecanoic acid (C13:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Myristic acid (C14:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Myristoleic acid (C14:1)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Pentadecanoic acid (C15:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Pentadecenoic acid (C15:1)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Palmitic acid (C16:0)	g/100g fat	13,3	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Palmitoleic acid (C16:1)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Heptadecanoic acid (C17:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Heptadecanoic acid (C17:1)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Stearic acid (C18:0)	g/100g fat	13,1	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Petroselaic acid (C18:1n6t)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Elaidic acid (C18:1n9t)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Vaccenic acid (C18:1n11t)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Oleic acid (C18:1n9)	g/100g fat	57,1	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Asclepic acid (18:1n11c)	g/100g fat	1,09	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Linolelaidic acid (C18:2n6t)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Linoleic acid (C18:2n6)	g/100g fat	8,94	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Alpha-linolenic acid (C18:3n3)	g/100g fat	0,954	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Gamma-linolenic acid (C18:3n6)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Arachidic acid (C20:0)	g/100g fat	1	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Eicosenoic acid (C20:1)	g/100g fat	1,5	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Eicosadienoic acid (C20:2)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Dihomo - gamma - linolenic acid (C20:3n6)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Eicosatrienoic acid (C20:3n3)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Arachidonic acid (C20:4n6)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Eicosapentenoic acid (C20:5n3)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Heneicosanoic acid (C21:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Behenic acid (C22:0)	g/100g fat	1,5	8%	ŠPP ORG.M.047 GC-FID	NZ	A
Erucic acid (22:1n9)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Docosadienoic acid (C22:2)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Docosapentaenic acid (C22:5n3)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Docosahexaenoic acid (C22:6n3)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Tricosanoic acid (C23:0)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Lignoceric acid (C24:0)	g/100g fat	1,09	8%	ŠPP ORG.M.047 GC-FID	NZ	A

Parameter	Unit	Measured Value	Uncertainty*	Testing method /Process variance	SL	TT
Nervonic acid (C24:1n9)	g/100g fat	<0,5	-	ŠPP ORG.M.047 GC-FID	NZ	A
Saturated fatty acids	g/100g	9,85	-	ŠPP ORG.M.047 GC/Calculation	NZ	A
Monounsaturated acids	g/100g	19,5	-	ŠPP ORG.M.047 GC/Calculation	NZ	A
Polyunsaturated acids	g/100g	3,22	-	ŠPP ORG.M.047 GC/Calculation	NZ	A
Trans fatty acids	g/100g	<0,17	-	ŠPP ORG.M.047 GC/Calculation	NZ	A
Fructose	g/100g	5,47	8%	ŠPP ORG.M.040 HPLC-RID	NZ	A
Glucose	g/100g	1,77	8%	ŠPP ORG.M.040 HPLC-RID	NZ	A
Maltose	g/100g	<1	-	ŠPP ORG.M.040 HPLC-RID	NZ	A
Lactose	g/100g	<1	-	ŠPP ORG.M.040 HPLC-RID	NZ	A
Saccharose	g/100g	5,15	8%	ŠPP ORG.M.040 HPLC-RID	NZ	A
Galactose	g/100g	<1	-	ŠPP ORG.M.040 HPLC-RID	NZ	A
Xylose	g/100g	<1	-	ŠPP ORG.M.040 HPLC-RID	NZ	A
Sum of sugars by HPLC	g/100g	12,39	8%	ŠPP ORG.M.040 HPLC-RID / calculation	NZ	A
Benzoic acid	mg/kg	<10	-	ŠPP ORG.M.007 HPLC UV VIS	NZ	A
Sorbic acid	mg/kg	<10	-	ŠPP ORG.M.007 HPLC UV VIS	NZ	A
Sum of benzoic and sorbic acid	mg/kg	<10	-	ŠPP ORG.M.007 HPLC calculation	NZ	A
Synthetic dyes detection		negativny	-	ŠPP ORG.M.016 thin layer paper chromatography	NZ	A
Total protein	g/100g	32,06	6 %	ŠPP INO.M.077 titrimetric method	NZ	A
Ash	g/100g	3,19	2%	ŠPP INO.M.036 gravimetric method	NZ	A
Dry matter	g/100g	94,18	2%	ŠPP INO.M.035 gravimetric method	NZ	A
Dietary fibre	g/100g	2,68	17%	ŠPP INO.M.107 A gravimetric method after enzymatic degradation	NZ	A
Energy value	kJ/100g	2207	-	ŠPP ORG.M.028 calculation	NZ	A
Energy value	kcal/100g	529,6	-	ŠPP ORG.M.028 calculation	NZ	A
Fat after hydrolysis	g/100g	34,19	2%	ŠPP ORG.M.021 gravimetric method	NZ	A
Carbohydrates available	g/100g	22,06	15%	ŠPP ORG.M.028 calculation	NZ	A
Sodium	mg/kg	566	10%	LS-PP-CH-2/18	TR	A
Salt (calculated from sodium)	g/100g	0,14	10%	LS-PP-CH-2/18	TR	A

Note:

Energy value (kJ / kcal) was calculated in accordance with the regulation of the European Parliament and Council Regulation (EU) No. 1169/2011 of 25 October 2011 on the provision of food information to consumers and related legislation, based on test results of nutrients, displayed on the test report. In the case of taking into account the rounding rules of test results of nutrients in order to display them in the table of nutritional values (data), it can happen, that calculated energy (kJ / kcal), will not represent the same value as energy (kJ / kcal) displayed in the test report.

Notes:

E	- evaluation	TT	- type of test
S	- satisfied	A	- accredited test executed at the own test laboratory
NS	- not satisfied	N	- non accredited test executed at the own test laboratory
ŠPP, LS-PP-CH	- Standard operation procedure	SA	- accredited test executed under the subcontract
ND	- not detected by given method	SN	- unaccredited test executed under the subcontract
CFU	- Colony forming unit		
NM	- necessary quantity		
m	- the highest allowed value at the case of one sample		
M, c	- "M" highest allowed value for the number "c" at the case of 5 sample's evaluation		
*	- uncertainty determined by extension coefficient k=2 (with probability of 95%) does not include the uncertainty of sampling.		
	- uncertainty given in units of analysed parameter reflects the uncertainty to the result of measurement.		
	- uncertainty given in % reflects the uncertainty from the result of measurement.		
SL	- analysing laboratory: BA-Bratislava, NZ-Nové Zámky, PN-Piešťany, TR-Turčianske Teplice, RK-Ružomberok, TV-Trebišov		

Disclaimer:

Gauges and measuring equipment used for testing were calibrated or attested in accordance with the valid metrological instructions. The above mentioned test results refer to the tested sample only! The result given in this Test Certificate and marked as non accredited test shall not be a subject of accreditation. The result given in this Test Certificate and marked as sub- delivery is the result of a Subcontractor's gauging made under the terms and conditions of a contract concluded with him. It's not possible reproduce or incorporate the test certificate into promotional materials without laboratory written authorization! SNAS is a Signatory to the Multilateral Agreement MRA ILAC.



Tests results have been electronically validated by:

Ing. Ladislav Nagy
Expert specialist

No. of document: 1758/2017

Worked out by: Ing. Veronika Petrůvová

Test Certificate approved by:

Ing. Viera Horáková
Head of testing laboratory

A handwritten signature in blue ink, appearing to read "V. Horáková".

