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For the attention of **MAISAN LABS, S.L.**
C/ LANJARON NAVE 6A
18220 ALBOLOTE
ESPAÑA

Sample description	HSN Foods - High protein porridge chocolate 3kg		
Sample reception date :	01/04/2020		
Analysis starting date :	02/04/2020	**Analysis end date:**	14/04/2020
Your purchase order date :	27-03-2020	**Your purchase order reference :**	EOL 006-10494-47850
		Reception temperature (Cº) :	T.A

The information in the table below has been provided by the client and the laboratory is not responsible for it.

Client reference	**FP 01203**
Sample reference	HSN Foods - High protein porridge chocolate 3kg
Número de lote	200320D1

Physical-Chemical Analysis		Results (uncertainty)		Labelling
AQ100	**AQ Moisture (105ºC) Method : Internal Method Gravimetrically, Gravimetry**			
(*)	Moisture	5.85	%	
AQ141	**AQ Protein Method : Internal Method C5127235 Dumas, Dumas (TCD)**			
	Protein (Nx6,25)	41.32	(± 1.74) %	
	Protein (Nx6.38)	42.18	(± 1.77) %	
AQ319	**AQ Protein on dry matter Method : by Calculation, Calculation**			
(*)	Protein (dry basis)	44.80	%	
(*)	Protein (dry basis) (Nx6.25)	43.89	%	
DJ009	**DJ Tryptophane Method : EU 152/2009**			
(*)(a)	Tryptophan (Total)	0.684	(± 0.068) g/100 g	0.601 g/100 g

Microbiological analysis		Results (uncertainty)		Labelling
UM0K2	**LN Positive coagulase staphylococcus <0 >1 /10g 0 (None) SB Agar-X-37 ISO 6888-3 Method : ISO 6888-3**			
(*)(a)	Coagulase positive Staphylococcus	Non détecté	/10 g	
NN05F	**LN Presumptive Bacillus cereus E <10 >150000 /g (1-2) Method : ISO 7932**			
(*)(a)	Bacillus cereus	< 10	cfu/g	
LN0C0	**LN Enterobacteria Method : BS ISO 21528-2:2004**			
(*)(a)	Enterobacteriaceae	< 10	cfu/g	
LNM0M	**LN Salmonella Method : NF EN ISO 6579-1**			
(*)(a)	Salmonella (excluding serovars Typhi & Paratyphi)	Non détecté	/25 g	
UM778	**LN Escherichia coli D Detection /10 g ISO 16649-3 Method : NF EN ISO 16649-3**			
(*)(a)	E. coli	Non détecté	/10 g	
KM0B1	**LN Yeasts & Moulds E [AW > 0.95] <10 >150 000 /g (1-2) DRBC Agar-S ISO 21527-1 Method : ISO 21527-1**			
(*)(a)	Yeast & Moulds	< 10	cfu/g	
NN02B	**LN Mesophilic aerobic flora Method : ISO 4833-1**			
(*)(a)	Aerobic plate count (30°C, 72hr)	< 100	cfu/g	

Essential nutrients		Results (uncertainty)		Labelling
DJ011	**DJ Cystine, methionine (oxidative) Method : ISO 13903:2005; EU 152/2009 (F)**			
(*)(a)	Cystein +Cystine	0.928	(± 0.130) g/100 g	0.798 g/100 g
(*)(a)	Methionine	0.818	(± 0.115) g/100 g	0.727 g/100 g
DI004	**DJ Amino acids (acid hydrolysis) Method : ISO 13903:2005; EU 152/2009 (F)**			
(*)(a)	Alanine	1.98	(± 0.28) g/100 g	1.501 g/100 g
(*)(a)	Arginine	1.51	(± 0.21) g/100 g	0.976 g/100 g

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ENAC ENSAYOS
Nº 1094/LE2182

(*) Tests and marked activities are not covered by the ENAC accreditation.

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Essential nutrients	Results (uncertainty)	Labelling
DI004 DJ Amino acids (acid hydrolysis) Method : ISO 13903:2005; EU 152/2009 (F)		
(*)(a) Aspartic acid	4.06 (± 0.57) g/100 g	3.616 g/100 g
(*)(a) Glutamic acid	8.11 (± 1.14) g/100 g	5.867 g/100 g
(*)(a) Glycine	1.05 (± 0.15) g/100 g	0.637 g/100 g
(*)(a) Histidine	0.859 (± 0.120) g/100 g	0.588 g/100 g
(*)(a) Hydroxyproline	<0.05 (LOQ) g/100 g	0 g/100 g
(*)(a) Isoleucine	2.25 (± 0.32) g/100 g	2.145 g/100 g
(*)(a) Leucine	4.08 (± 0.57) g/100 g	3.455 g/100 g
(*)(a) Lysine	3.38 (± 0.47) g/100 g	2.736 g/100 g
(*)(a) Ornithine	<0.05 (LOQ) g/100 g	0 g/100 g
(*)(a) Phenylalanine	1.73 (± 0.24) g/100 g	1.220 g/100 g
(*)(a) Proline	2.96 (± 0.41) g/100 g	2.124 g/100 g
(*)(a) Serine	2.23 (± 0.31) g/100 g	1.402 g/100 g
(*)(a) Threonine	2.55 (± 0.36) g/100 g	1.930 g/100 g
(*)(a) Tyrosine	1.47 (± 0.21) g/100 g	1.091 g/100 g
(*)(a) Valine	2.41 (± 0.34) g/100 g	2.171 g/100 g

SIGNATURE

Cristina Bernal
ASM - Analytical Service Manager

Chemistry validated by Juliana Estevez

Report electronically validated by Cristina Bernal

EXPLANATORY NOTE

This document can only be reproduced in full ; it only concerns the submitted sample.
Results have been obtained and reported in accordance with our general sales conditions available on request.
When declaring compliance or non-compliance, the uncertainty associated with the result has been added or subtracted in order to obtain a result that can be compared to regulatory limits or specifications.The uncertainty has not been taken into account for standards that already include measurement uncertainty or on explicit request of client.
The tests are identified by a five-digit code, their description is available on request.
NE: The term "estimated number" means a less accurate estimate of the true value when plate counts are less than 10 colonies.

The tests identified by the two letters code AQ are performed in laboratory Eurofins Anàlisis Alimentario SL .
- ACCREDITATION in compliance with UNE-EN ISO/IEC 17025:2017 ENAC 1094/LE2182.
The tests identified by the two letters code LN are performed in laboratory Eurofins Laboratoires de Microbiologie Ouest SAS. The symbol (a) identifies the tests under accreditation NF EN ISO/IEC 17025:2005 COFRAC 1-1830. Scope available on www.cofrac.fr.
The tests identified by the two letters code DJ are performed in laboratory Eurofins Vitamin Testing Denmark A /S. The symbol (a) identifies the tests under accreditation DS EN ISO/IEC 17025 DANAK 581.

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