

Sample code Nr.	386-2020-00033286	Report Date	14/04/2020
Analytical Report Nr.	AR-20-AQ-032585-01 / 386-2020-00033286		



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

Sample description	HSN Essentials - Pea Protein Isolate 2.0 Chocolate 500g		
Sample reception date :	01/04/2020	Analysis end date:	13/04/2020
Analysis starting date :	02/04/2020	Your purchase order reference :	EOL 006-10494-47850
Your purchase order date :	27-03-2020	Reception temperature (C°) :	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 00500
Sample reference	HSN Essentials - Pea Protein Isolate 2.0 Chocolate 500g
Número de lote	200309D1

Physical-Chemical Analysis	Results (uncertainty)	Labelling
AQ100 AQ Moisture (105°C) Method : Internal Method Gravimetrically, Gravimetry		
(*) Moisture	3.65 %	
AQ141 AQ Protein Method : Internal Method C5127235 Dumas, Dumas (TCD)		
Protein (Nx6.25)	71.84 (± 3.02) %	
Protein (Nx6.38)	73.33 (± 3.08) %	
AQ319 AQ Protein on dry matter Method : by Calculation, Calculation		
Protein (dry basis) (Nx6.25)	74.56 %	
Protein (dry basis) (Nx6.38)	76.11 %	
DJ009 DJ Tryptophane Method : EU 152/2009		
(*) (a) Tryptophan (Total)	0.633 (± 0.063) g/100 g	0.572 g/100 g

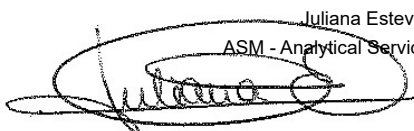
Microbiological analysis	Results (uncertainty)	Labelling
UM0K2 LN Positive coagulase staphylococcus <0 >1 /10g 0 (None) SB Agar-X-37 ISO 6888-3 Method : ISO 6888-3		
(*) (a) Coagulase positive Staphylococcus	Non détecté /10 g	
LN0C0 LN Enterobacteria Method : BS ISO 21528-2:2004		
(*) (a) Enterobacteriaceae	< 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	0.589 (± 0.082) g/100 g	0.670 g/100 g
(*) (a) Methionine	0.615 (± 0.086) g/100 g	0.646 g/100 g
DI004 DJ Amino acids (acid hydrolysis) Method : ISO 13903:2005; EU 152/2009 (F)		
(*) (a) Alanine	3.04 (± 0.43) g/100 g	2.860 g/100 g
(*) (a) Arginine	6.36 (± 0.89) g/100 g	5.720 g/100 g
(*) (a) Aspartic acid	8.74 (± 1.22) g/100 g	7.526 g/100 g
(*) (a) Glutamic acid	13.4 (± 1.9) g/100 g	10.860 g/100 g

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Essential nutrients	Results (uncertainty)	Labelling
DI004 DJ Amino acids (acid hydrolysis) Method : ISO 13903:2005; EU 152/2009 (F)		
(*) (a) Glycine	2.83 (± 0.40) g/100 g	2.746 g/100 g
(*) (a) Histidine	1.81 (± 0.25) g/100 g	1.765 g/100 g
(*) (a) Hydroxyproline	<0.05 (LOQ) g/100 g	0 g/100 g
(*) (a) Isoleucine	3.26 (± 0.46) g/100 g	3.269 g/100 g
(*) (a) Leucine	6.04 (± 0.85) g/100 g	5.638 g/100 g
(*) (a) Lysine	5.31 (± 0.74) g/100 g	5.140 g/100 g
(*) (a) Ornithine	<0.05 (LOQ) g/100 g	0 g/100 g
(*) (a) Phenylalanine	4.05 (± 0.57) g/100 g	3.906 g/100 g
(*) (a) Proline	3.13 (± 0.44) g/100 g	2.909 g/100 g
(*) (a) Serine	3.62 (± 0.51) g/100 g	3.595 g/100 g
(*) (a) Threonine	2.57 (± 0.36) g/100 g	2.598 g/100 g
(*) (a) Tyrosine	2.73 (± 0.38) g/100 g	2.697 g/100 g
(*) (a) Valine	3.72 (± 0.52) g/100 g	3.522 g/100 g

SIGNATURE


 Juliana Estevez
 ASM - Analytical Service Manager

Chemistry validated by Juliana Estevez

Report electronically validated by Juliana Estevez

EXPLANATORY NOTE

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 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.