

<b>Sample code Nr.</b>	386-2020-00033280	<b>Report Date</b>	14/04/2020	<b>Page 1/2</b>
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For the attention of **MAISAN LABS, S.L.**  
 C/ LANJARON NAVE 6A  
 18220 ALBOLOTE  
 ESPAÑA

<b>Sample description</b>	HSN Raw - Hydro 90Ins Whey Isolate hydrolysate 2kg		
<b>Sample reception date :</b>	01/04/2020	<b>Analysis end date:</b>	13/04/2020
<b>Analysis starting date :</b>	02/04/2020	<b>Your purchase order reference :</b>	EOL 006-10494-47850
<b>Your purchase order date :</b>	27-03-2020	<b>Reception temperature (C°) :</b>	T.A

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

<b>Client reference</b>	FP 01041
<b>Sample reference</b>	HSN Raw - Hydro 90Ins Whey Isolate hydrolysate 2kg
<b>Número de lote</b>	200311C1

Physical-Chemical Analysis	Results (uncertainty)	Labelling
<b>AQ100 AQ Moisture (105°C) Method : Internal Method Gravimetrically, Gravimetry</b>		
(*) Moisture	1.87 %	
<b>AQ141 AQ Protein Method : Internal Method C5127235 Dumas, Dumas (TCD)</b>		
Protein (Nx6.25)	86.26 (± 3.62) %	
Protein (Nx6.38)	88.05 (± 3.70) %	
<b>AQ319 AQ Method : by Calculation, Calculation</b>		
Protein (dry basis) (Nx6.25)	87.90 %	
Protein (dry basis) (Nx6.38)	89.73 %	
<b>DJ009 DJ Tryptophane Method : EU 152/2009</b>		
(*) (a) Tryptophan (Total)	1.59 (± 0.16) g/100 g	1.656 g/100 g

Microbiological analysis	Results (uncertainty)	Labelling
<b>UMID2 AQ Listeria monocytogenes D Abs Pres /25 g AFNOR BRD 07/04-09/98 Method : C5126301 (Detección en placa: RLM)</b>		
Listeria monocytogenes	Not Detected /25 g	
<b>LN0C0 LN Enterobacteria Method : BS ISO 21528-2:2004</b>		
(*) (a) Enterobacteriaceae	< 10 cfu/g	
<b>LN0AZ LN Staphylococci positive coagulase Method : ISO 6888-3</b>		
(*) (a) Staphylococci coagulase positive	Non detecté /g	
<b>LNM0M LN Salmonella Method : NF EN ISO 6579-1</b>		
(*) (a) Salmonella (excluding serovars Typhi & Paratyphi)	Non detecté /25 g	
<b>UM778 LN Escherichia coli D Detection /10 g ISO 16649-3 Method : NF EN ISO 16649-3</b>		
(*) (a) E. coli	Non detecté /10 g	
<b>KM0B1 LN Yeasts &amp; Moulds E [AW &gt; 0.95] &lt;10 &gt;150 000 /g (1-2) DRBC Agar-S ISO 21527-1 Method : ISO 21527-1</b>		
(*) (a) Yeast & Moulds	< 10 cfu/g	
<b>NN02B LN Mesophilic aerobic flora Method : ISO 4833-1</b>		
(*) (a) Aerobic plate count (30°C, 72hr)	< 100 cfu/g	

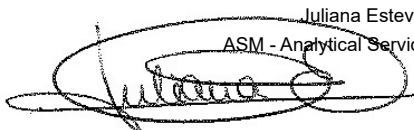
Essential nutrients	Results (uncertainty)	Labelling
<b>DJ011 DJ Cystine, methionine (oxidative) Method : ISO 13903:2005; EU 152/2009 (F)</b>		
(*) (a) Cystein +Cystine	2.09 (± 0.29) g/100 g	2.300 g/100 g
(*) (a) Methionine	2.20 (± 0.31) g/100 g	2.300 g/100 g
<b>DI004 DJ Amino acids (acid hydrolysis) Method : ISO 13903:2005; EU 152/2009 (F)</b>		
(*) (a) Alanine	5.37 (± 0.75) g/100 g	5.152 g/100 g
(*) (a) Arginine	1.88 (± 0.26) g/100 g	2.024 g/100 g

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Essential nutrients	Results (uncertainty)	Labelling
<b>D1004 DJ Amino acids ( acid hydrolysis) Method : ISO 13903:2005; EU 152/2009 (F)</b>		
(*)(a) Aspartic acid	10.00 (± 1.40) g/100 g	10.580 g/100 g
(*)(a) Glutamic acid	17.9 (± 2.5) g/100 g	17.112 g/100 g
(*)(a) Glycine	1.45 (± 0.20) g/100 g	1.564 g/100 g
(*)(a) Histidine	1.46 (± 0.20) g/100 g	1.656 g/100 g
(*)(a) Hydroxyproline	<0.05 (LOQ) g/100 g	0 g/100 g
(*)(a) Isoleucine	6.23 (± 0.87) g/100 g	6.532 g/100 g
(*)(a) Leucine	10.5 (± 1.5) g/100 g	10.580 g/100 g
(*)(a) Lysine	9.34 (± 1.31) g/100 g	9.476 g/100 g
(*)(a) Ornithine	<0.05 (LOQ) g/100 g	0 g/100 g
(*)(a) Phenylalanine	2.65 (± 0.37) g/100 g	2.944 g/100 g
(*)(a) Proline	6.03 (± 0.84) g/100 g	6.348 g/100 g
(*)(a) Serine	4.45 (± 0.62) g/100 g	4.784 g/100 g
(*)(a) Threonine	6.78 (± 0.95) g/100 g	7.084 g/100 g
(*)(a) Tyrosine	2.55 (± 0.36) g/100 g	2.852 g/100 g
(*)(a) Valine	5.61 (± 0.79) g/100 g	5.796 g/100 g

**SIGNATURE**

Juliana Estevez  
 ASM - Analytical Service Manager



Chemistry validated by Juliana Estevez

Microbiology validated by Rocio Rodriguez

Report electronically validated by Juliana Estevez

**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](http://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.