

TEST REPORT NO 449113/22/GDY

Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: ALLNUTRITION ISOLATE PROTEIN 908 g natural Batch: 11.2023.PE1.T24 Production date: 30.11.2021 Expiry date: 30.11.2023
Sample reception date:	07.10.2022	Sample status: no objections Sample received from the Client
Start of analysis	19.10.2022	
End of analysis	31.10.2022	
Test report date	31.10.2022	

Test Method	Unit	Result
* Proteinogenic amino acids ^{1) 2)} PB-53/HPLC ed. II of 30.12.2008		
Aspartic acid	%	7,86
Glutamic acid	%	15,7
Serine	%	4,22
Histidine	%	1,48
Glycine	%	1,50
Arginine	%	1,83
Threonine	%	6,18
Alanine	%	4,50
Proline	%	5,39
Tyrosine	%	2,66
Valine	%	5,06
Methionine	%	2,03
Cysteine	%	1,88
Isoleucine	%	5,68
Leucine	%	9,30
Phenylalanine	%	2,66
Lysine	%	8,38

- 1) The composition of amino acids - the accreditation range from 0,005% to 10%.
 Aspartic acid - the result is the sum of asparagine, aspartic acid and its salts.
 Glutamic acid - the result is the sum of glutamine, glutamic acid and its salts.
 Cysteine - the result is the sum of cystine and cysteine.
- 2) The glutamic acid result is beyond the accreditation range.

Authorized by:
 Ewa Ostrach-Grzybowska, Analysis Expert, Vitamin Analysis Laboratory

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Laboratory address:
Chwaszczyńska 180, 81-571 Gdynia

THE END OF THE REPORT

The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor $k=2$ at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. If the "result" column of the accredited method contains a record: "<" or ">", it means, that it is the test outcome directly related to the lower or upper limit of the measuring range of the accredited method, whereas the given expanded measurement uncertainty relates only to the lower or upper limit of the measuring range of the accredited method respectively. In such a case, the Laboratory presents the opinion and interpretation in the "statement of conformity" column, which is based on the obtained test outcome. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

* Test method accredited

Test performed by external provider

TEST REPORT NO 412239/22/GDY

Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: ALLNUTRITION ISOLATE PROTEIN 908 g natural Batch: 09.2023.PE1.T24 Production date: 30.09.2021 Expiry date: 30.09.2023
Sample reception date:	14.09.2022	Sample status: no objections Sample received from the Client
Start of analysis	20.09.2022	
End of analysis	30.09.2022	
Test report date	30.09.2022	

Test Method	Unit	Result
* # Sugars - profile ¹⁾ SLMB No. 501.2:2008, mod., SOP:00.15610.L		
Fructose	g/100 g	< 0,1
Galactose	g/100 g	< 0,1
Glucose	g/100 g	< 0,1
Sucrose	g/100 g	0,1
Lactose	g/100 g	1,5
Maltose	g/100 g	< 0,1
Maltotriose	g/100 g	< 0,1
Sugar (total mono- and disacharides)	g/100 g	1,6
* Protein (N*6,25) PB-116 ed. III of 11.08.2020	%	82,6
* Moisture PB-285 ed. I of 26.09.2014 p. 1	%	4,5
* Protein (N*6,25) on dry matter Calculated	%	86,4
* Fat PB-286 ed. I of 26.09.2014	g/100 g	1,1

1) The symbol "<" means a result below the limit of quantification of the analytical method.

Test: Sugars - profile was performed in laboratory with an accreditation number D-PL-14038-01-00

Authorized by:
 Aleksandra Makowska, Senior Analysis Specialist, Classical Analysis Laboratory
 Joanna Śpiewak, Analysis Expert, Classical Analysis Laboratory
 Magdalena Ceran, Senior Analysis Specialist, Classical Analysis Laboratory
 Subcontracted test results are authorised by persons authorised by the external provider.

The test report bears the certified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:
 Chwaszczyńska 180, 81-571 Gdynia

TEST REPORT NO 412239/22/GDY**THE END OF THE REPORT**

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* Test method accredited

Test performed by external provider


TEST REPORT NO 370523/23/GDY

Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: ALLNUTRITION ISOLATE PROTEIN 908 g vanilla Batch: 1E7.T36 Production date: 30.11.2022 Expiry date: 30.11.2024
Sample reception date:	15.07.2023	Sample status: no objections Sample received from the Client
Start of analysis	17.07.2023	
End of analysis	27.07.2023	
Test report date	27.07.2023	

Test Method	Unit	Result
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)	cfu/g	<1,0x10 ¹
* Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species) in 1 g PN-EN ISO 6888-3:2004; PN-EN ISO 6888-3:2004/AC:2005	in 1 g	Not detected
* Presence of Escherichia coli in 1 g PN-ISO 7251:2006	in 1 g	Not detected
* Presence of Salmonella spp. in 25 g PN-EN ISO 6579-1:2017-04; PN-EN ISO 6579-1:2017-04/A1:2020-09	in 25 g	Not detected
* Presence of Listeria monocytogenes in 25 g PN-EN ISO 11290-1:2017-07	in 25 g	Not detected
* # Sugars - profile ¹⁾ SLMB No. 501.2:2008, mod., SOP:00.15610.L		
Fructose	g/100 g	< 0,1
Galactose	g/100 g	< 0,1
Glucose	g/100 g	< 0,1
Sucrose	g/100 g	< 0,1
Lactose	g/100 g	1,1
Maltose	g/100 g	< 0,1
Maltotriose	g/100 g	< 0,1
Sugar (total mono- and disacharides)	g/100 g	1,1
* Moisture PN-ISO 5550:2010	g/100 g	5,47
* Protein (N*6.38) PB-116 ed. III of 11.08.2020	g/100 g	82,1
* Protein (N*6.38) on dry matter Calculated	g/100 g	86,9
* Fat PB-286 ed. I of 26.09.2014	g/100 g	3,3

TEST REPORT NO 370523/23/GDY

- 1) The symbol "<" means below the limit of quantification of the analytical method.

Test: Sugars - profile was performed in laboratory with an accreditation number D-PL-14038-01-00

Authorized by:

Joanna Śpiewak, Analysis Expert, Classical Analysis Laboratory
Katarzyna Rychcik, Analysis Specialist, Microbiology Laboratory
Magdalena Ceran, Senior Analysis Specialist, Classical Analysis Laboratory

Subcontracted test results are authorised by persons authorised by the external provider.

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