

TEST REPORT NO 180502/23/GDY/2

Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: SFD WPC PROTEIN PLUS 2250 g NATURAL Batch: 04.2024.PE1.T24 Production date: 30.04.2022 Expiry date: 30.04.2024
Sample reception date:	07.04.2023	Sample status: no objections Sample received from the Client
Start of analysis	12.04.2023	
End of analysis	17.04.2023	
Test report date	17.04.2023	

Test Method	Unit	Result
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)		
Number of yeasts	cfu/g	<1,0x10 ¹
Number of moulds	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

Authorized by:
Aleksandra Frosik, Analysis Expert, Microbiology Laboratory

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

Laboratory address:
Ks. Stanisława Kujota 8, 70-605 Szczecin

THE END OF THE REPORT

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* Test method accredited
Test performed by external provider

TEST REPORT NO 180501/23/GDY

Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: SFD WPC PROTEIN PLUS 2250 g NATURAL Batch: 04.2024.PE1.T24 Production date: 30.04.2022 Expiry date: 30.04.2024
Sample reception date:	07.04.2023	Sample status: no objections Sample received from the Client
Start of analysis	13.04.2023	
End of analysis	25.04.2023	
Test report date	25.04.2023	

Test Method	Unit	Result
* # Sugars - profile ²⁾ 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	2,8
Maltose	g/100 g	<0,1
Maltotriose	g/100 g	<0,1
Sugar (total mono- and disacharides)	g/100 g	2,8
* Moisture PN-ISO 5550:2010		
Moisture	%	5,09
	g/100 g	5,09
* Protein (N*6.38) PB-116 ed. III of 11.08.2020		
Protein (N*6.38)	%	79,2
	g/100 g	79,2
* Protein (N*6.38) on dry matter Calculated		
Protein (N*6.38) on dry matter	%	83,4
	g/100 g	83,4
* Proteinogenic amino acids ¹⁾ PB-53/HPLC ed. II of 30.12.2008		
Aspartic acid	mg/100 g	9930
Glutamic acid	mg/100 g	14300
Serine	mg/100 g	4060



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Histidine	mg/100 g	1470
Glycine	mg/100 g	1440
Arginine	mg/100 g	2010
Threonine	mg/100 g	5440
Alanine	mg/100 g	4080
Proline	mg/100 g	4790
Tyrosine	mg/100 g	2470
Valine	mg/100 g	4600
Methionine	mg/100 g	1790
Cysteine	mg/100 g	2330
Isoleucine	mg/100 g	5040
Leucine	mg/100 g	8490
Phenylalanine	mg/100 g	2620
Lysine	mg/100 g	7610
* Fat PB-286 ed. I of 26.09.2014	g/100 g	1,7

- 1) 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 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:

Aleksandra Makowska, Senior Analysis Specialist, Classical Analysis Laboratory

Ewa Ostrach-Grzybowska, Analysis Expert, Vitamin Analysis Laboratory

Joanna Śpiewak, Analysis Expert, 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

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

Analytical report AR-21-RE-043605-03

Correction of report No.: AR-21-RE-043605-02

Sample Code 122-2021-00044983

Issue date 26.05.2021

Client	SFD S.A. ul. Głogowska 41 45-315 Opole POLSKA
* Type of sample	SFD WPC PROTEIN PLUS 750 g VANILLA 005-32419-2789316
* Prescriber	SFD S.A.
* Purchase order date	22.04.2021
* Client Purchase order nr.	1
Transport by	Courier
* Sampling Person	Principal
* Purpose of the testing	technological sample
* Type of sampling	no data
Reception date	23.04.2021
* Batch number	07.2022.PE1.T36
* Best before date	2022-07-31
* Packaging	manufacturer packaging
Sample condition	acceptable
Transport condition	at ambient temp.
Number of tested samples	1
* Client sample code	9
Start analysis	23.04.2021
End Analysis	21.05.2021

Test code	Parameter	Method	Result	Unit	Uncertainty of measurement
HU00C	Gliadin (A)	FAML-A-32:2016 (RIDASCREEN®G liadin R 7001), ELISA	<2 ,50	mg/kg	
	Gluten (A)		<5 ,00	mg/kg	
HU04Y	Soy protein (A)	Internal Method_FAML-A-3 6:2016 (RIDASCREEN® FAST S, ELISA	<2 ,5	mg/kg	

ST0E7	Nitrogen - Kjeldahl (A)	PN EN ISO 8968-3: 2008, Calculation	12 ,10	%	± 0,97
	Protein * 6.38 (A)		77 ,20	%	± 6,18
ST0YE	Dry matter (A)	PN-A-79011-3:1998, weight	95 ,0	%	± 7,6
	Moisture (103 °C) (A)		5 ,0	%	± 0,4
UD08W	Fructose (A)	Metoda wewnętrzna, , IC-PAD	<0 ,1	g/100 g	
	Galactose (A)		0 ,1	g/100 g	
	Glucose (A)		<0 ,1	g/100 g	
	Lactose (A)		4 ,8	g/100 g	
	Maltose (A)		<0 ,1	g/100 g	
	Sucrose (A)		<0 ,1	g/100 g	

	Total sugars (A)		5 ,0	g/100 g	
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A = Method accredited

x = Data provided by the customer

Details of laboratory accreditation:

UD08W: Eurofins Food Testing UK Ltd (Wolverhampton) RE000DR: BS EN ISO/IEC 17025:2017 UKAS 0342

HU00C, HU04Y: Eurofins Food Analytica Gyula RE00049: MSZ EN ISO/IEC 17025:2005

ST0E7, ST0YE: Eurofins Polska Sp. (Malbork) PS02: AB 1334

+/- Uncertainty of measurement presented as expanded uncertainty of measurement (95%; k=2).

JUDGEMENT

Protein content in dry matter (from calculation) = 81,26%

Powód korekty: powtórne badanie zawartości białka

Monika Walkowiak

Approved by: Monika Walkowiak
Junior Analytical Service Manager

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