

TEST REPORT NO 547103/23/GDY

Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: SFD WPI ISOWHEY INSTANT 700 g CHOCOLATE Batch: 05.2024.PE1.T17 Expiry date: 31.05.2024
Sample reception date:	07.10.2023	Sample status: no objections Sample received from the Client
Start of analysis	09.10.2023	
End of analysis	18.10.2023	
Test report date	18.10.2023	

Test Method	Unit	Result
* Presence of a specific allergen DNA - gluten ²⁾ PB-393 ed. IV of 29.12.2021 based on the manufacturer's instructions	-	not detected
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)	cfu/g	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
* Content of elements ³⁾ PN-EN 15763:2010		
Lead (Pb)	mg/kg	< 0,010 (0,010 ± 0,003)
Cadmium (Cd)	mg/kg	< 0,0010 (0,0010 ± 0,0002)
Mercury (Hg)	mg/kg	< 0,0010 (0,0010 ± 0,0002)
* # 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	0,9
Lactose	g/100 g	1,0
Maltose	g/100 g	< 0,1
Maltotriose	g/100 g	< 0,1
Sugar (total mono- and disacharides)	g/100 g	1,9

TEST REPORT NO 547103/23/GDY

* Moisture PN-ISO 5550:2010	g/100 g	5,17
* Protein (N*6.38) on dry matter Calculated	g/100 g	84,2
* Protein (N*6.38) PB-116 ed. III of 11.08.2020	g/100 g	79,8
* Fat PB-286 ed. I of 26.09.2014	g/100 g	4,3

- 1) The symbol "<" means below the limit of quantification of the analytical method.
- 2) Detection of a specific allergen DNA-cereals containing gluten (wheat, spelled, kamut, triticale, rye, oats, barley).
Real-time PCR method. Limit of detection: 0,8 ppm.
- 3) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.

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

Authorized by:

Ewelina Chiniewicz, Analysis Expert, Classical Analysis Laboratory
Katarzyna Duczek, Analysis Expert, Microbiology Laboratory
Katarzyna Jarecka, Analysis Expert, Spectrometry Laboratory
Łukasz Gajewski, Senior Analysis Specialist, Molecular Biology Laboratory
Patrycja Pałucka, Chemical 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
Goździków 1, 43-100 Tychy

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

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TEST REPORT NO 353621/22/GDY

Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: SFD WPI ISOWHEY INSTANT 700 g vanilla Batch: 04.2023.PE1.T36 Production date: 31.01.2022 Expiry date: 30.04.2023
Sample reception date:	08.08.2022	Sample status: no objections Sample received from the Client
Start of analysis	12.08.2022	
End of analysis	22.08.2022	
Test report date	22.08.2022	

Test Method	Unit	Result
* # Sugars - profile ¹⁾ SLMB No. 501.2:2008, mod., SOP:00.15610.L		
Sugar (total mono- and disacharides)	g/100 g	1,4
Fructose	g/100 g	< 0,1
Galactose	g/100 g	< 0,1
Glucose	g/100 g	< 0,1
Lactose	g/100 g	1,4
Maltotriose	g/100 g	< 0,1
Maltose	g/100 g	< 0,1
Sucrose	g/100 g	< 0,1
* Protein (N*6,38) PB-116 ed. III of 11.08.2020	g/100 g	83,1
* Protein (N*6,38) on dry matter Calculated	g/100 g	87,7
* Moisture PN-ISO 5550:2010	g/100 g	5,22
* Fat PB-286 ed. I of 26.09.2014	g/100 g	3,1

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:

Alicja Nowak, Analysis Expert, Classical Analysis Laboratory
 Joanna Śpiewak, Analysis Expert, Classical Analysis Laboratory
 Magdalena Ceran, Senior Analysis Specialist, Classical Analysis Laboratory

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Laboratory address:

Chwaszczyńska 180, 81-571 Gdynia

TEST REPORT NO 353621/22/GDY**THE END OF THE REPORT**

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* Test method accredited

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Client SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE		Sample (according to declaration of Client) Sample description: SFD WPI ISOWHEY INSTANT 700 g vanilla Batch: 04.2023.PE1.T36 Production date: 31.01.2022 Expiry date: 30.04.2023
Sample reception date:	08.08.2022	Sample status: no objections Sample received from the Client
Start of analysis	10.08.2022	
End of analysis	16.08.2022	
Test report date	16.08.2022	

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

Authorized by:
 Anna Polanin, Manager, Microbiology Laboratory

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