

**TEST REPORT NO 547094/23/GDY**

<b>Client</b> <b>SFD SPÓŁKA AKCYJNA</b> GŁOGOWSKA 41 45315 OPOLE		<b>Sample (according to declaration of Client)</b> Sample description: ALLNUTRITION WHEY PROTEIN 908 g VANILLA Batch: 4E9.T36 Expiry date: 31.01.2025
Sample reception date:	<b>07.10.2023</b>	Sample status: no objections  Sample received from the Client
Start of analysis	<b>09.10.2023</b>	
End of analysis	<b>18.10.2023</b>	
Test report date	<b>18.10.2023</b>	

Test Method	Unit	Result
* Presence of a specific allergen DNA - gluten <sup>2)</sup> 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* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)	cfu/g	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 <sup>1</sup>
* 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 <sup>3)</sup> 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 <sup>1)</sup> 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	1,2
Maltose	g/100 g	0,3
Maltotriose	g/100 g	0,7
Sugar (total mono- and disacharides)	g/100 g	1,5

**TEST REPORT NO 547094/23/GDY**

* Moisture PN-ISO 5550:2010	g/100 g	4,86
* Protein (N*6.38) on dry matter Calculated	g/100 g	75,0
* Protein (N*6.38) PB-116 ed. III of 11.08.2020	g/100 g	71,4
* Fat PB-286 ed. I of 26.09.2014	g/100 g	5,1
* Dioxins/ Furans/ Dioxin-like PCBs/ Indicator PCBs <sup>3)</sup> PB-408 ed. III of 04.10.2021		
2,3,7,8-TCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8-PeCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,7,8-HxCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,6,7,8-HxCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8,9-HxCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,6,7,8-HpCDD	pg/g fat	0,211
OCDD	pg/g fat	0,595
2,3,7,8-TCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8-PeCDF	pg/g fat	0,080
2,3,4,7,8-PeCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,7,8-HxCDF	pg/g fat	0,184
1,2,3,6,7,8-HxCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
2,3,4,6,7,8-HxCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8,9-HxCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,6,7,8-HpCDF	pg/g fat	0,590
1,2,3,4,7,8,9-HpCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
OCDF	pg/g fat	1,041
WHO-PCDD/F-TEQ lower-bound	pg/g fat	0,029
WHO-PCDD/F-TEQ medium-bound	pg/g fat	0,105
WHO-PCDD/F-TEQ upper-bound	pg/g fat	0,180
PCB-081	pg/g fat	0,248
PCB-077	pg/g fat	4,404
PCB-126	pg/g fat	1,358
PCB-169	pg/g fat	< 0,05 (0,05 ± 0,01)
PCB-123	pg/g fat	< 10 (10 ± 2)
PCB-118	pg/g fat	79,632
PCB-114	pg/g fat	< 10 (10 ± 2)
PCB-105	pg/g fat	23,094
PCB-167	pg/g fat	< 10 (10 ± 2)
PCB-156	pg/g fat	< 10 (10 ± 2)



## TEST REPORT NO 547094/23/GDY

PCB-157	pg/g fat	< 10 (10 ± 2)
PCB-189	pg/g fat	< 10 (10 ± 2)
WHO-dl-PCB-TEQ lower-bound	pg/g fat	0,139
WHO-dl-PCB-TEQ medium-bound	pg/g fat	0,141
WHO-dl-PCB-TEQ upper-bound	pg/g fat	0,143
WHO-PCDD/F-PCB-TEQ lower-bound	pg/g fat	0,169
WHO-PCDD/F-PCB-TEQ medium-bound	pg/g fat	0,246
WHO-PCDD/F-PCB-TEQ upper-bound	pg/g fat	0,322
PCB-028	ng/g fat	< 0,10 (0,10 ± 0,02)
PCB-052	ng/g fat	< 0,10 (0,10 ± 0,02)
PCB-101	ng/g fat	< 0,10 (0,10 ± 0,02)
PCB-153	ng/g fat	0,141
PCB-138	ng/g fat	0,108
PCB-180	ng/g fat	< 0,10 (0,10 ± 0,02)
Sum of ndl-PCB (ICES-6) lower-bound	ng/g fat	0,25
Sum of ndl-PCB (ICES-6) medium-bound	ng/g fat	0,45
Sum of ndl-PCB (ICES-6) upper-bound	ng/g fat	0,65

- 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:**

Karol Jabłoński, Senior Analysis Specialist, Dioxin Analysis Laboratory  
 Katarzyna Duczek, Analysis Expert, Microbiology Laboratory  
 Katarzyna Jarecka, Analysis Expert, Spectrometry Laboratory  
 Łukasz Gajewski, Senior Analysis Specialist, Molecular Biology Laboratory  
 Paulina Szczypta, 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  
 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](http://www.hamilton.com.pl).

\* Test method accredited

# Test performed by external provider

**THE END OF THE REPORT**

**TEST REPORT NO 370522/23/GDY**

<b>Client</b> <b>SFD SPÓLKA AKCYJNA</b> GŁOGOWSKA 41 45315 OPOLE		<b>Sample (according to declaration of Client)</b> Sample description: WHEY PROTEIN 908 g NATURAL Batch: 5E5.T24 Production date: 30.09.2022 Expiry date: 30.09.2024
Sample reception date:	<b>15.07.2023</b>	Sample status: no objections  Sample received from the Client
Start of analysis	<b>17.07.2023</b>	
End of analysis	<b>27.07.2023</b>	
Test report date	<b>27.07.2023</b>	

Test Method	Unit	Result
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)	cfu/g	<1,0x10 <sup>4</sup>
* 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 <sup>1)</sup> 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	2,2
Maltose	g/100 g	0,3
Maltotriose	g/100 g	0,5
Sugar (total mono- and disaccharides)	g/100 g	2,5
* Moisture PN-ISO 5550:2010	g/100 g	5,77
* Protein (N*6.38) PB-116 ed. III of 11.08.2020	g/100 g	71,2
* Protein (N*6.38) on dry matter Calculated	g/100 g	75,6

**TEST REPORT NO 370522/23/GDY**

* Fat PB-286 ed. I of 26.09.2014	g/100 g	5,0
-------------------------------------	---------	-----

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:**

Alicja Nowak, Analysis Expert, Classical Analysis Laboratory  
Joanna Śpiewak, Analysis Expert, Classical Analysis Laboratory  
Kamila Tyszecka, Senior Analysis Specialist, Microbiology Laboratory  
Katarzyna Rychcik, Analysis Specialist, Microbiology Laboratory  
Magdalena Czeran, 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

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](http://www.hamilton.com.pl).

\* Test method accredited

# Test performed by external provider

**THE END OF THE REPORT**

**TEST REPORT NO 492450/22/GDY**

<b>Client</b> <b>SFD SPÓŁKA AKCYJNA</b> GŁOGOWSKA 41 45315 OPOLE		<b>Sample (according to declaration of Client)</b> Sample description: ALLNUTRITION WHEY PROTEIN 908 g cookie Batch: 01.2024.EX1.T15 Production date: 31.01.2022 Expiry date: 31.01.2024
Sample reception date:	<b>31.10.2022</b>	Sample status: no objections  Sample received from the Client
Start of analysis	<b>03.11.2022</b>	
End of analysis	<b>08.11.2022</b>	
Test report date	<b>08.11.2022</b>	

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 <sup>1</sup>
Number of moulds	cfu/g	<1,0x10 <sup>1</sup>
* 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:  
 Ada Okunek, Analysis Expert, Microbiology Laboratory  
 Anna Polanin, Manager, Microbiology Laboratory

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

Laboratory address:  
 Chwaszczyńska 180, 81-571 Gdynia  
 Ks. Stanisława Kujota 8, 70-605 Szczecin

**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](http://www.hamilton.com.pl).

\* Test method accredited  
 # Test performed by external provider



**TEST REPORT NO 370522/23/GDY**

<b>Client</b> <b>SFD SPÓŁKA AKCYJNA</b> GŁOGOWSKA 41 45315 OPOLE		<b>Sample (according to declaration of Client)</b> Sample description: WHEY PROTEIN 908 g NATURAL Batch: 5E5.T24 Production date: 30.09.2022 Expiry date: 30.09.2024
Sample reception date:	<b>15.07.2023</b>	Sample status: no objections  Sample received from the Client
Start of analysis	<b>17.07.2023</b>	
End of analysis	<b>27.07.2023</b>	
Test report date	<b>27.07.2023</b>	

Test Method	Unit	Result
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)	cfu/g	<1,0x10 <sup>4</sup>
* 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 <sup>1)</sup> 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	2,2
Maltose	g/100 g	0,3
Maltotriose	g/100 g	0,5
Sugar (total mono- and disaccharides)	g/100 g	2,5
* Moisture PN-ISO 5550:2010	g/100 g	5,77
* Protein (N*6.38) PB-116 ed. III of 11.08.2020	g/100 g	71,2
* Protein (N*6.38) on dry matter Calculated	g/100 g	75,6

**TEST REPORT NO 370522/23/GDY**

* Fat PB-286 ed. I of 26.09.2014	g/100 g	5,0
-------------------------------------	---------	-----

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:**

Alicja Nowak, Analysis Expert, Classical Analysis Laboratory  
Joanna Śpiewak, Analysis Expert, Classical Analysis Laboratory  
Kamila Tyszecka, Senior Analysis Specialist, Microbiology Laboratory  
Katarzyna Rychcik, Analysis Specialist, Microbiology Laboratory  
Magdalena Czeran, 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

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](http://www.hamilton.com.pl).

\* Test method accredited

# Test performed by external provider

THE END OF THE REPORT



**TEST REPORT NO 547094/23/GDY**

<b>Client</b> <b>SFD SPÓŁKA AKCYJNA</b> GŁOGOWSKA 41 45315 OPOLE		<b>Sample (according to declaration of Client)</b> Sample description: ALLNUTRITION WHEY PROTEIN 908 g VANILLA Batch: 4E9.T36 Expiry date: 31.01.2025
Sample reception date:	<b>07.10.2023</b>	Sample status: no objections  Sample received from the Client
Start of analysis	<b>09.10.2023</b>	
End of analysis	<b>18.10.2023</b>	
Test report date	<b>18.10.2023</b>	

Test Method	Unit	Result
* Presence of a specific allergen DNA - gluten <sup>2)</sup> 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 <sup>1</sup>
* 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 <sup>3)</sup> 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 <sup>1)</sup> 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	1,2
Maltose	g/100 g	0,3
Maltotriose	g/100 g	0,7
Sugar (total mono- and disacharides)	g/100 g	1,5

**TEST REPORT NO 547094/23/GDY**

* Moisture PN-ISO 5550:2010	g/100 g	4,86
* Protein (N*6.38) on dry matter Calculated	g/100 g	75,0
* Protein (N*6.38) PB-116 ed. III of 11.08.2020	g/100 g	71,4
* Fat PB-286 ed. I of 26.09.2014	g/100 g	5,1
* Dioxins/ Furans/ Dioxin-like PCBs/ Indicator PCBs <sup>3)</sup> PB-408 ed. III of 04.10.2021		
2,3,7,8-TCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8-PeCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,7,8-HxCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,6,7,8-HxCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8,9-HxCDD	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,6,7,8-HpCDD	pg/g fat	0,211
OCDD	pg/g fat	0,595
2,3,7,8-TCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8-PeCDF	pg/g fat	0,080
2,3,4,7,8-PeCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,7,8-HxCDF	pg/g fat	0,184
1,2,3,6,7,8-HxCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
2,3,4,6,7,8-HxCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,7,8,9-HxCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
1,2,3,4,6,7,8-HpCDF	pg/g fat	0,590
1,2,3,4,7,8,9-HpCDF	pg/g fat	< 0,05 (0,05 ± 0,01)
OCDF	pg/g fat	1,041
WHO-PCDD/F-TEQ lower-bound	pg/g fat	0,029
WHO-PCDD/F-TEQ medium-bound	pg/g fat	0,105
WHO-PCDD/F-TEQ upper-bound	pg/g fat	0,180
PCB-081	pg/g fat	0,248
PCB-077	pg/g fat	4,404
PCB-126	pg/g fat	1,358
PCB-169	pg/g fat	< 0,05 (0,05 ± 0,01)
PCB-123	pg/g fat	< 10 (10 ± 2)
PCB-118	pg/g fat	79,632
PCB-114	pg/g fat	< 10 (10 ± 2)
PCB-105	pg/g fat	23,094
PCB-167	pg/g fat	< 10 (10 ± 2)
PCB-156	pg/g fat	< 10 (10 ± 2)



## TEST REPORT NO 547094/23/GDY

PCB-157	pg/g fat	< 10 (10 ± 2)
PCB-189	pg/g fat	< 10 (10 ± 2)
WHO-dl-PCB-TEQ lower-bound	pg/g fat	0,139
WHO-dl-PCB-TEQ medium-bound	pg/g fat	0,141
WHO-dl-PCB-TEQ upper-bound	pg/g fat	0,143
WHO-PCDD/F-PCB-TEQ lower-bound	pg/g fat	0,169
WHO-PCDD/F-PCB-TEQ medium-bound	pg/g fat	0,246
WHO-PCDD/F-PCB-TEQ upper-bound	pg/g fat	0,322
PCB-028	ng/g fat	< 0,10 (0,10 ± 0,02)
PCB-052	ng/g fat	< 0,10 (0,10 ± 0,02)
PCB-101	ng/g fat	< 0,10 (0,10 ± 0,02)
PCB-153	ng/g fat	0,141
PCB-138	ng/g fat	0,108
PCB-180	ng/g fat	< 0,10 (0,10 ± 0,02)
Sum of ndl-PCB (ICES-6) lower-bound	ng/g fat	0,25
Sum of ndl-PCB (ICES-6) medium-bound	ng/g fat	0,45
Sum of ndl-PCB (ICES-6) upper-bound	ng/g fat	0,65

- 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:**

Karol Jabłoński, Senior Analysis Specialist, Dioxin Analysis Laboratory  
 Katarzyna Duczek, Analysis Expert, Microbiology Laboratory  
 Katarzyna Jarecka, Analysis Expert, Spectrometry Laboratory  
 Łukasz Gajewski, Senior Analysis Specialist, Molecular Biology Laboratory  
 Paulina Szczypta, 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  
 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](http://www.hamilton.com.pl).

\* Test method accredited

# Test performed by external provider

**THE END OF THE REPORT**