AB 079

TEST REPORT NO 412236/22/GDY

Client	Sample (according to declaration of Client)
SFD SPÓŁKA AKCYJNA GŁOGOWSKA 41 45315 OPOLE	Sample description: SFD WPC 80 PURE PROTEIN 700 g Batch: 07.2023.PE3.T24 Production date: 31.07.2021 Expiry date: 31.07.2023

Sample reception date:	**14.09.2022**	Sample status: no objections
Start of analysis	**19.09.2022**	
End of analysis	**26.09.2022**	Sample received from the Client
Test report date	**26.09.2022**	

Test Method	Unit	Result
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)		
Number of yeasts	cfu/g	<1,0x10¹
Number of moulds	cfu/g	<1,0x10¹
* 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:
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:
Ks. Stanisława Kujota 8, 70-605 Szczecin

THE END OF THE REPORT

* Test method accredited
\# Test performed by external provider

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AB 1334

Analytical report AR-22-RE-014189-01

Sample code 122-2022-00012487

Issue date 22.02.2022

	Client	SFD S.A. ul. Głogowska 41 45-315 Opole POLSKA
x	**Type of sample**	SFD WPC 80 Pure natural 700 g 005-32419-2846004
x	**Prescriber**	SFD S.A.
x	**Purchase order date**	03.02.2022
x	**Client Purchase order nr.**	1
	Transport by	Courier
x	**Sampling Person**	Principal
x	**Purpose of the testing**	fulfillment of legal requirements
x	**Type of sampling**	to guarantee its representativeness
	Reception date	07.02.2022
x	**Batch number**	06.2023.PE1.T24
x	**Best before date**	2023-06-30
	Sample condition	acceptable
	Transport condition	at ambient temp.
	Number of tested samples	1
x	**Client sample code**	1
	Start analysis	10.02.2022
	End Analysis	22.02.2022

Results / Outcomes

Test code	Parameter	Method	Result	Unit	Uncertainty of measurement
DI004	Alanine (A)	AMSUR, IC-UV	4 ,09	g/100 g	± 14%
	Arginine (A)		2 ,07	g/100 g	± 14%
	Aspartic acid (A)		8 ,61	g/100 g	± 14%
	Glutamic acid (A)		14 ,2	g/100 g	± 14%
	Glycine (A)		1 ,47	g/100 g	± 14%
	Histidine (A)		1 ,42	g/100 g	± 14%
	Hydroxyproline (A)		<0 ,2 (LOQ)	g/100 g	± 14%
	Isoleucine (A)		4 ,84	g/100 g	± 14%
	Leucine (A)		8 ,65	g/100 g	± 14%
	Lysine (A)		7 ,73	g/100 g	± 14%
	Ornithine (A)		<0 ,05 (LOQ)	g/100 g	± 14%

	Phenylalanine (A)		2 ,60	g/100 g	± 14%
	Proline (A)		5 ,05	g/100 g	± 14%
	Serine (A)		4 ,08	g/100 g	± 14%
	Threonine (A)		5 ,57	g/100 g	± 14%
	Tyrosine (A)		2 ,26	g/100 g	± 14%
	Valine (A)		4 ,67	g/100 g	± 14%
DJ011	Cysteine +Cystine (A)	IC-UV	1 ,97	g/100 g	± 14%
	Methionine (A)		1 ,92	g/100 g	± 14%
HU00C	Gliadin (A)	Internal Method FAML-A-32:2021 (RIDASCREEN®Gliadin, ELISA	<2 ,50	mg/kg	
	Gluten (A)		<5 ,00	mg/kg	
HU00G	Soy (A)	Internal Method FAML-A-85:2021 (Congen SureFood® A, RT-PCR	nie wykryto		
KT02C	Mercury (Hg) (A)	LS-PP-CH-30, AAS-AMA	<0 ,01	mg/kg	
KT0A2	Cadmium (Cd) (A)	LS-PP-CH-85, ICP-MS	<0 ,1	mg/kg	
KT0A3	Lead (Pb) (A)	LS-PP-CH-85 , ICP-MS	<0 ,3	mg/kg	
ST0E7	Nitrogen - Kjeldahl (A)	PN EN ISO 8968-3: 2008, Calculation	12 ,31	%	± 0,98
	Protein * 6.38 (A)		78 ,54	%	± 6,28
ST0YE	Dry matter (A)	PN-A-79011-3:1998, weight	95 ,4	%	± 14,3
	Moisture (103 °C) (A)		4 ,6	%	± 0,7
ST15G	Fructose (A)	PB/CH/36 wyd. 4 z dnia 31.10.2019, LC-RI	<0 ,10	%	
	Galactose (A)		<0 ,10	%	
	Glucose (A)		<0 ,10	%	
	Lactose (A)		3 ,37	%	± 0,78
	Maltose (A)		<0 ,10	%	
	Raffinose (A)		<0 ,10	%	
	Sucrose (A)		<0 ,10	%	
	Total sugars (A)		3 ,37	%	± 0,78

A = Method accredited
x = Data provided by the customer

Details of laboratory accreditation:
DI004, DJ011: Eurofins Vitamin Testing Denmark RE00037: DS EN ISO/IEC 17025 DANAK 581
HU00C, HU00G: Eurofins Food Analytica Gyula RE00049: MSZ EN ISO/IEC 17025:2005
ST0E7, ST0YE, ST15G: Eurofins Polska Sp. (Malbork) PS02: AB 1334
KT02C, KT0A2, KT0A3: Eurofins Environment Testing Slovakia Turčianske RE000HB: ISO/IEC 17025:2017 SNAS S-406

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

JUDGEMENT

Protein content calculated on dry matter = 82,33 %

Approved by: Alicja Milczarek
Analytical Service Manager

1. The results apply to samples received and analyzed.
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AB 1334

SFD S.A.
ul. Głogowska 41
45-315 Opole
POLSKA

Issue date 11.02.2022

Analytical report AR-22-RE-010474-01

Sample code 122-2022-00012316

x	**Type of sample**	SFD WPC 80 Pure natural 700 g 005-32419-2846004
x	**Prescriber**	SFD S.A.
x	**Purchase order date**	03.02.2022
	Reception date	07.02.2022
	Transport by	Courier
	Sample condition	acceptable
	Transport condition	at ambient temp.
x	**Sampling Person**	Principal
x	**Type of sampling**	to guarantee its representativeness
x	**Purpose of the testing**	fulfillment of legal requirements
x	**Best before date**	30.06.2023
x	**Batch number**	06.2023.PE1.T24
	Number of tested samples	1
	Start analysis	07.02.2022
	End Analysis	11.02.2022

Results / Outcomes

UM2PF **The presence of Salmonella spp., Breeding method with biochemical and serological confirmation (A)**

Method	PN-EN ISO 6579-1:2017-04+A1:2020-09, D-Cultural technique (non-chromogenic media)		
Salmonella		Not Detected	/25 g

UMIMW **Coagulase positive Staphylococcus D Abs Pres /1 g ISO 6888-3 (A)**

Method	PN-EN ISO 6888-3:2004+AC:2005, D-Cultural technique (MPN tubes)		
Coagulase positive Staphylococcus		Not Detected	/1 g

UMLS5 **The presence of presumptive Escherichia coli, Breeding method with biochemical confirmation (A)**

Method	PN-ISO 7251:2006, D-Cultural technique (MPN tubes)		
Escherichia Coli		Not Detected	/1 g

Analytical report AR-22-RE-010474-01

Sample code 122-2022-00012316

UMULJ	**Enterobacteriaceae 37°C <10 >3000000 /g 4 (1-4) VRBD Agar-P-37 ISO 21528-2 (A)**		
Method	PN-EN ISO 21528-2:2017-08, E-Cultural technique (non-chromogenic media)		
Enterobacteriaceae 37°C		< 10	cfu/g
ZM02A	**Yeasts & Moulds E [PB/MBK/40] <10 >1 500 000 /g (1-4) PYM-PF 3M™ Petrifilm™ Rapid Yeast and Mold Cou (A)**		
Method	3M™ Petrifilm™ Rapid Yeast and Mold Count Plates, E-Cultural technique (media film)		
Yeast & Moulds		< 10	cfu/g

A = Method accredited
x = Data provided by the customer

Anna Broda-Cnota

Justyna Nowak

Authorized by: Anna Broda-Cnota
Analytical Service Manager

Approved by: Justyna Nowak
Analytical Service Manager

- END OF REPORT -