GBAPOLSKA

ANALYTICAL LABORATORIES microbiology - physicochemistry - sensory



GBA POLSKA Sp. z o.o. Member of GBA GROUP

Headquarter address: ul. Mochtyńska 65, 03-289 Warsaw, Poland

TEST REPORT No.: Ł/0/04/2023/1038/FM/18/EN

Customer:

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

Ł/0/04/2023/1038

Order No.:

A - accredited methodology (AB 1095); reference - if the law so provides (the result can be used to assess compliance in the legally regulated area).

AE - accredited methodology (AB 1095) of flexible scope - reference if the law so provides / equivalent to reference (the result can be used to assess compliance in the legally regulated area).

AR - accredited methodology (AB 1095) equivalent to reference (the result can be used to assess compliance in the legally regulated area).

MON - methodology accredited in terms of "OiB"

GMP+ - methodology registered in the scope of GMP+ B11 protocol (feed testing)

A/P - accredited methodology of the subcontractor

P - non-accredited methodology of the subcontractor

al/product tested: Dietary su	pplemen	its					
collection address:	4	5-315 Opo	le, ul.Głogowska 41				
Product name: SFD GLUCOSAMINE 1200 180 tab					Date*: 11.04.2023		
er: ?production: nber:	0	3.2023	tion				
collected according to: transported by: Shipping				Sample receiver:	GBA POLSKA en	nployee no.:	: 2684
Sample	n: u	nreservedl	y Analysis start da	te: 11-04-2023 Analys	sis end date:	18-04-202	3
Analyzed parameter	Unit	Accred.	Test method	Requirement	Result	MU**	Ν
Presence of Salmonella spp.	25g	AE	PN-EN ISO 6579-1:2017-04, PN- EN ISO 6579-1:2017-04/A1:2020- 09	no requirements	not detected in 25g		
Presence of presumptive Escherichia coli	1g	AE	PN-ISO 7251:2006	no requirements	absent in 1g		
Total microbial count	cfu/g	AE	PN-EN ISO 4833-1:2013-12, PN- EN ISO 4833-1:2013-12/Ap1:2016- 11	no requirements	<1,0 x 10 ¹		
Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species)	1g	AE	PN-EN ISO 6888-3:2004, PN-EN ISO 6888-3:2004/AC:2005	no requirements	absent in 1g		
Presence of Listeria monocytogenes	25g	AE	PN-EN ISO 11290-1:2017-07	no requirements	not detected in 25g		+
Count of yeasts and moulds	cfu/g	AE	PN-ISO 7954:1999	no requirements	<1,0 x 10 ¹		+
Mercury	mg/kg	AE	PN-EN 15763:2010	no requirements	< 0,001		
	collection address: ct name: SFD GLU er: 'production: 'production: nber: collected according to: transported by: Shipping no.: 11516/04/23 Sample evaluation Analyzed parameter Presence of Salmonella spp. Presence of presumptive Escherichia coli Total microbial count Presence of coagulase-positive staphylococcu (Staphylococcus aureus and other species) Presence of Listeria monocytogenes Count of yeasts and moulds	collection address: 4 collection address: 4 collection address: 4 collection address: 6 production: 0 nber: 1 collected according to: 1 transported by: Shipping no.: 11516/04/23 Sample evaluation: valuation: u Analyzed parameter Unit Presence of Salmonella spp. 25g Presence of presumptive Escherichia coli 1g Total microbial count cfu/g Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species) 1g Presence of Listeria monocytogenes 25g Count of yeasts and moulds cfu/g	collection address: 45-315 Opo ct name: SFD GLUCOSAMINE 1200 er: own production: 'production: 03.2023 nber: 15230402 collected according to: 15230402 transported by: Shipping no.: 11516/04/23 Sample evaluation: valuation: valuation: valuation: Presence of Salmonella spp. 25g AE Presence of presumptive Escherichia coli 1g AE Total microbial count cfu/g AE Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species) 1g AE Count of yeasts and moulds cfu/g AE	collection address: 45-315 Opole, ul.Głogowska 41 tt name: SFD GLUCOSAMINE 1200 180 tab er: own production 'production: 03.2023 nber: 1S230402 collected according to: transported by: Shipping :no: 11516/04/23 Sample evaluation: unreservedly Analyzed parameter Unit Accred. Test method Presence of Salmonella spp. 25g AE PN-EN ISO 6579-1:2017-04/A1:2020-09 Presence of presumptive Escherichia 1g AE PN-EN ISO 4833-1:2013-12, PN-EN ISO 6579-1:2017-04/A1:2020-09 Presence of coagulase-positive staphylococcus aureus and other species) 1g AE PN-EN ISO 4833-1:2013-12, PN-EN ISO 6888-3:2004/AC:2005 Presence of Listeria monocytogenes 25g AE PN-EN ISO 11290-1:2017-07 Count of yeasts and moulds cfu/g AE PN-EN ISO 7954:1999	collection address: 45-315 Opole, ul.Glogowska 41 ct name: SFD GLUCOSAWINE 1200 180 tab er: own production production:: 03.2023 nber: IS230402 collected according to: transported by: transported by: Sample evaluation: unreservedly Analyzed parameter Unit Accred. Test method Requirement Presence of Salmonella spp. 25g AE PN-EN ISO 6579-1:2017-04, PN-EN ISO 6579-1:2017-04/A1:2020- 09 no requirements Presence of presumptive Escherichia coli 1g AE PN-EN ISO 6483-1:2013-12, PN-EN ISO 6483-1:2013-12, PN-EN ISO 6483-1:2013-12, PN-EN ISO 6483-1:2013-12/Ap1:2016- 11 no requirements Total microbial count cfu/g AE PN-EN ISO 6483-1:2013-12/Ap1:2016- 11 no requirements Presence of Listeria monocytogenes 25g AE PN-EN ISO 1200-1:2017-07 no requirements Count of yeasts and moulds cfu/g AE PN-EN ISO 7954:1999 no requirements	ds-315 Opole, ul.Glogowska 41 t name: SFD GLUCOSAMINE 1200 180 tab Date*: 11.04 own production 03.2023 hber: IS20402 collected according to: transported by: Shipping Sample receiver: GBA POLSKA er BA POLSKA er insaported by: Shipping no: 11516/04/23 Sample evaluation: urt=servedly Analyzed parameter Unit Accred. Test method Requirement Result Presence of Salmonella spp. 25g AE PN-EN ISO 6579-1:2017-04/A 1:2020- 09 no requirements of detected in 25g Presence of presumptive Escherichia coli 1g AE PN-EN ISO 4833-1:2013-12, PN- EN ISO 4833-1:2013-12/Ap1:2016- 11 no requirements <1.0 x 10' Presence of Calgunac-positive staphylococci (Staphylococcus aureus and other species) aB PN-EN ISO 11200-1:2017-07 no requirements <1.0 x 10' Presence of Listeria monocytogenes 25g AE PN-EN ISO 11200-1:2017-07 no requirements <1.0 x 10' Presence of Listeria monocytogenes 25g AE PN-EN ISO 11200-1:2017-07 no requi	delection address: 45-315 Opole, uLGlogowska 41 trane: SFD GLUCOSAMINE 1200 180 tab Date*: 11.04.2023 own production 03.2023 own production 03.2023 own production 03.2023 Sample receiver: GBA POLSKA employee no.: receiver: Sample receiver: GBA POLSKA employee no.: receiver: No:: 11516/04/23 Sample water colspan="2">Sample receiver: GBA POLSKA employee no.: receiver: No:: 11516/04/23 Sample water colspan="2">Sample receiver: GBA POLSKA employee no.: receiver: Nescree of Salmonella spp. Unit Accred Test method Requirement Result MU** Presence of presumptive Escherichia coli Ig AE PN-EN ISO 4833-1:2017-04, PN-EN ISO 6879-1:2017-04, A1:2020- in requirements absent in Ig Presence of presumptive Escherichia coli Ig AE PN-EN ISO 4833-1:2013-12, PN- INI ISO 4633-1:2013-12, PN- INI ISO 4633-1:2013-12, PN- INI ISO 4633-1:2014-12, PN- INI ISO 4633-1:2014-12, PN- INI ISO 46838-3:2004, AC: 2005 no re

Lab.	Analyzed parameter	Unit	Accred.	Test method	Requirement	Result	MU**	Ν
Ł	Lead	mg/kg	AE	PN-EN 15763:2010	no requirements	< 0,010		
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	~ · · ·					0.040		
Ł	Cadmium	mg/kg	AE	PN-EN 15763:2010	no requirements	0,013	+/-0,002	
	Arsenic	ma/Ira	AE	PN-EN 15763:2010	no requirements	< 0,010		
Ł	Arsenic	mg/kg	AL	PIN-EIN 13703:2010	no requirements	< 0,010		
l								

Date* - depending on the method of obtaining the sample by GBA Polska, it is the date of: collection (when the sample is collected only by a GBA Polska employee) or collection (when the sample is collected from customer by a GBA Polska employee, is delivered by a courier company or delivered personally by the customer). ** - expanded measurement uncertainty at the level of confidence app. 95% and the coverage factor k=2, does not take into account the sampling uncertainty, except when indicated in the remarks.

Measurement uncertainty is presented when: it is relevant to the validity or application of the test results, it affects conformity to a specification limit, or a customer's instruction so requires. The test results lower or higher than the measuring ranges of the methods are presented as "<value of the lower limit of the measuring range " or "> value of the upper limit of the measuring range". respectively. If expanded uncertainties are given with these test results, they apply to the lower or upper limit of the measuring range of the method. Moreover, in the case of these results, the conformity statement should be treated as an opinion and interpretation. The above-described procedure does not apply to biological tests.

The results relate to the tested samples (sampled or received - as reported in the test report). In the case of samples provided by the customer, the information presented in the report regarding these samples is the information provided by the customer. The Laboratory is not responsible for this information or for the method of sampling and the representativeness of the samples provided by the customer for testing. The test report includes test results of the following number of samples: 1 pc(s) and without the written approval of the Laboratory shall not be reproduced except in full.

Customer may file complains within 14 days from receiving the report. The Laboratory does not store the samples after testing, unless otherwise agreed with the customer. Place of performance of the tests (location codes): Ł - Łajski, L - Lublin, M - Mysłowice, PS - in situ measurement.

Remarks:

The second selective medium for detecting the presence of Listeria monocytogenes in accordance with PN-EN ISO 11290-1:2017-07 is Palcam incubation at $37^{\circ}C \pm 1^{\circ}C$. The second selective medium for detecting the presence of Salmonella spp. in accordance with PN-EN ISO 6579-1:2017-04, PN-EN ISO 6579-1:2017-04/A1:2020-09 is RVS broth and Brilliance Salmonella/Agar. Braid Parker RPF/agar was used for the detection of coagulase-positive staphylococci.

NOTE: The original test reports are issued as PDF file, signed with a qualified electronic signature. Therefore, all prints are copies, unless certified to be true to the original PDF file.

Report prepared in a single copy	The end	of the Report	Original of PDF: Customer, copy of PDF to: Laboratory archive		
Created on:	Authorized by:	Approved by:			
20-04-2023	GBA POLSKA employee no.: 2207 GBA POLSKA employee no.: 2642	Senior Food Special	t Signed with a qualified electronic signature		
	GDA FOLSKA employee no 2042	GBA POLSKA employe no.: 2653			