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.: B/0/07/2023/248/FM/8/EN

Customer:

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

B/0/07/2023/248

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

Materia	al/product tested: Dietary su	upplement	ts						
Sample	collection address:	45	45-323 Opole, Zielonogórska 4						
Produc	t name: LOCO SH	HOT ENE	ENERGY Date*: 31.07.2023						
Producer: Date of production: Lot number: Samples collected according to:			FD SA 7/2023 2/23		GBA POLSKA employee no.: 2729				
Samples	transported by: Shipping no.: 39972/07/23 Sample evaluation	n: ur	reservedly	y Analysis start da	receiver: tte: 31-07-2023 Analy	sis end date:	06-08-2023	3	
Lab.	Analyzed parameter	Unit	Accred.	Test method	Requirement	Result	MU**	Ν	
Ł	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			
Ł	Presence of presumptive Escherichia coli	1g	AE	PN-ISO 7251:2006	no requirements	absent in 1g			
Ł	Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species)	lg	AE	PN-EN ISO 6888-3:2004, PN-EN ISO 6888-3:2004/AC:2005	no requirements	absent in 1g			
Ł	Presence of Listeria monocytogenes	25g	AE	PN-EN ISO 11290-1:2017-07	no requirements	not detected in 25g			
Ł	Count of yeasts and moulds	cfu/g	AE	PN-ISO 7954:1999	no requirements	<1,0 x 10 ¹			
Ł	Caffeine	mg/100ml	AE	PB-32/LF ed. 7 dated 02.01.2022	no requirements	168			
Ł	Vitamin B3 content (Niacin)	mg/100ml	A	VitaFast Vitamin B3 (Niacin) test instructions from R-Biopharm AG from 14.10.2016	no requirements	41,00			

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 netformance of the test (location codes): the place is the written approval of the Laboratory shall not be reproduced except in full.

Place of performance of the tests (location codes): L - Łajski, L - Lublin, M - Mysłowice, PS - in situ measurement.

Remarks:

Caffeine = 201.8 +/- 20.2mg/120ml.

Vitamin B3 = 49.20 +/- 14.76 mg/120ml

Detection limit for vitamin B3 (niacin) - 0.03 mg/100ml. The expanded uncertainty of measurement given is estimated in accordance with ISO 19036 and is based on the standard uncertainty multiplied by the coverage factor k=2, which gives a confidence level of approximately 95%. The composite standard uncertainty was taken to be equal to the within-laboratory standard deviation of reproducibility. The measurement uncertainty associated with sampling is not included in the expanded measurement uncertainty.

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	Th	e end of the Report	Original of PDF: Customer, copy of PDF to: Laboratory archive		
Created on:	Authorized by:	Approved by:			
18-08-2023	GBA POLSKA employee no.: 2244 GBA POLSKA employee no.: 2337	Senior Food Speciali GBA POLSKA employ no.: 2653	Signed with a quantied electronic signature		