GBA POLSKA Sp. z o.o.
Member of GBA GROUP
Headquarter address: ul. Mochtyńska 65, 03-289 Warsaw, Poland

ANALYTICAL LABORATORIES
microbiology - physicochemistry - sensory

AB 1095

TEST REPORT No.: Ł/0/03/2024/3316/M/2/EN

Customer: OSTROVIT SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ 18-300 Zambrów, ul. Sitarska 16

Order No.: Ł/0/03/2024/3316

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).
NA - non-accredited method
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

Material/product tested:	**Food**
Address (sampling / collection) :	18-300 Zambrów, ul.Sitarska 16
Product name:	**OstroVit Glucosamine pure** **Date*: 22.03.2024**
Producer:	no data
Date of production:	no gout
Lot number:	2GLUC045 p Date min. durability: 19/09/2026

Samples collected according to:
Samples transported by: Shipping
Sample receiver: GBA POLSKA employee no.: 2386

Sample no.: 36487/03/24 Sample evaluation: unreservedly Analysis start date: 22-03-2024 Analysis end date: 29-03-2024

Lab.	Analyzed parameter	Unit	Accred.	Test method	Requirement	Result	MU**	N
Ł	Count of yeasts and moulds	cfu/g	AE	PN-ISO 21527-2:2009	no requirements	<1,0 x 10¹		
Ł	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	absent in 1g; Principal's requirements	absent in 1g		
Ł	Presence of Listeria monocytogenes	25g	AE	PN-EN ISO 11290-1:2017-07	Absent in 25g; Customer requirements	not detected in 25g		
Ł	Presence of presumptive Escherichia coli	10g	AE	PN-ISO 7251:2006	absent in 10g; Principal's requirements	absent in 10g		
Ł	Presence of Salmonella spp.	10g	AE	PN-EN ISO 6579-1:2017-04, PN-EN ISO 6579-1:2017-04/A1:2020-09	absent in 10g; Principal's requirements	not detected in 10g		
Ł	Total microbial count	cfu/g	AE	PN-EN ISO 4833-1:2013-12, PN-EN ISO 4833-1:2013-12/Ap1:2016-11, PN-EN ISO 4833-1:2013-12/A1:2022-06	no requirements	<1,0 x 10¹		

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).
MU** - 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. These values provide information about the research results. If expanded uncertainties are given with these test results, they apply to the lower or upper limit of the measuring range of the method. In such a case, if the test results meet the requirements of PCA Communication No. 353 of August 24, 2021, the determination of compliance will be made as part of the opinion and interpretation.
The results relate to the tested samples (sampled or received - as reported in the test report).
The underlined information included in the report was provided by the Client. The Laboratory is not responsible for this information. The laboratory is not resposible for the method of sampling and the representativeness of the samples provided by the customer for testing.
The test report 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 ("Lab."): 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°C ± 1°C. The second selective medium for detecting the presence of Salmonella spp. in accordance with PN-EN ISO 6579-1:2017-04, Mon-EN ISO 6579-1:2017-04/A1:2020-09 is RVS broth and Brilliance Salmonella/Agar. Coagulase is used to detect staphylococci-positive, Braid Parker RPF/agar was used.

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 result:**	**Authorized raport**	
29-03-2024	GBA POLSKA employee no.: 2244	Food specialist GBA POLSKA employee no.: 2833	**Signed with a qualified electronic signature**