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/0/03/2023/1297/F/10/EN

Customer:

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

Ł/0/03/2023/1297

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: Die	etary suppler	nents					
Sample	collection address:		45-315 Opc	ole, ul.Głogowska 41				
Product name: ALLNUTRITIO			ON CLA Gre	en Tea L-carnitine 90 cap		Date*: 09.03	Date*: 09.03.2023	
Producer: Date of production: Lot number:			own produc 2022-10-15 AN221015					
Samples	collected according to: transported by: Shipping		111221013		Sample receiver:	GBA POLSKA er	nployee no.:	2684
Sample		mple aluation:	unreservedl	y Analysis start da	te: 10-03-2023 Analy	sis end date:	21-03-2023	3
Lab.	Analyzed parameter	r Un	it Accred.	Test method	Requirement	Result	MU**	Ν
Ł	Ethylene oxide (sum of ethyler and 2-chloro-ethanol expressed ethylene oxide)		kg A	PB-301/LF ed. 3 of 06.09.2022	no requirements	< 0,020		
	Pyrrolizidine alkaloids	μg/	kg A/P	HM-MA-M 02-055, LC-MS/MS: 2022-01 (Nr Akr. D-PL-14170-01- 00)	no requirements	in Attachment		
Ł	2 - chloroethanol	mg/	kg A	PB-301/LF ed. 3 of 06.09.2022	no requirements	< 0,036		
Ł	Ethylene oxide	mg/	kg A	PB-301/LF ed. 3 of 06.09.2022	no requirements	< 0,020		

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:

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

Report prepared in a single copy	The end o	f the Report	Original of PDF: Customer, copy of PDF to: Laboratory archive		
Created on:	Authorized by:	Approved by:			
22-03-2023	GBA POLSKA employee no.: 2472 GBA POLSKA employee no.: 2566	Senior Food Speciali	St Signed with a qualified electronic signature		
	CDAT CLORA CII ployee IIO 2000	GBA POLSKA employ no.: 2653			





GBA Gesellschaft für Bioanalytik mbH \cdot Goldtschmidtstr. 5 \cdot 21073 Hamburg

GBA POLSKA Sp. z o.o.

Lajski ul. Koscielna 2a 05-119 Legionowo **Poland**



Our sign:MJ Date: 21.03.2023

Certificate of analysis 23012055 - 001

Sample name	:	ALLNUTRITION CLA+Green Tea+L-carnitine 90 cap
Marking of sample	:	15304/03/23
Customer No.	:	P/162/03/2023
Packaging	:	Commercial package/plastic vessel
Sample amount	:	1 x 133 g
Shipping of sample	:	Courier Service
Sample entry	:	16.03.2023
Entrance temperature	:	Room temperature
Sample taken	:	by sender
Begin/end of analysis	:	16.03.2023 / 21.03.2023

The results are only based on the items tested. GBA takes no responsibility for the validity of the sampling if the samples are neither taken by GBA nor on behalf of GBA. In such cases, the results refer to the sample as it is received. The GBA test report may not be published without the express written consent of the GBA Group, nor may excerpts of it be reproduced without permission. GBA decision rules can be seen in the general terms and conditions.

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HypoVereinsbank IBAN DE45 2003 0000 0050 4043 92 SWIFT BIC HYVEDEMM300 Commerzbank Hamburg IBAN DE67 2004 0000 0449 6444 00 SWIFT-BIC COBADEHHXXX

Sitz der Gesellschaft: Hamburg Handelsregister: Hamburg HRB 42774 USt-Id.Nr. DE 118 554 138 St.-Nr. 47/723/00196 Geschäftsführer: Ralf Murzen, Ole Borchert, Alexander Kleinke, Dr. Dominik Obeloer



Certificate of analysis : 23012055 - 001 Sample name : ALLNUTRITION CLA+Green Tea+L-carnitine 90 cap

Test Results

Pyrrolizidine alkaloidsEchimidine N-oxide<10µg/kgHeliosupine N-oxide<10µg/kgEchimidine/Heliosupine, sum<10µg/kgEchimidine/Heliosupine, sum<10µg/kgEuropine<10µg/kgEuropine N-oxide<10µg/kgHeliotrine<10µg/kgHeliotrine N-oxide/senecionine N-oxide, sum<10µg/kgIntegerrimine N-oxide/Senecionine N-oxide, sum<10µg/kgIntermedine<10µg/kgLasiocarpine<10µg/kgLasiocarpine N-oxide<10µg/kgLasiocarpine N-oxide<10µg/kgLycopsamine/Indicine, sum<10µg/kgLycopsamine/Indicine, sum<10µg/kgRetrorsine/Usaramine, sum<10µg/kgRinderine/Losaramine, sum<10µg/kgSenecionine<10µg/kgSenecionine<10µg/kgSenecionine<10µg/kgSenecionine<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10µg/kgSenecivernine/Integerimine, sum<10<	Chemical/Physical Test	Result	Unit
Heliosupine N-oxide<10µg/kgEchimidine/Heliosupine, sum<10	Pyrrolizidine alkaloids		
Echimidine/Heliosupine, sum<10µg/kgEchinatine N-oxide<10	Echimidine N-oxide	<10	µg/kg
Echinatine N-oxide<10µg/kgEuropine<10	Heliosupine N-oxide	<10	µg/kg
Europine10µg/kgEuropine10µg/kgHeliotrine10µg/kgHeliotrine10µg/kgIntegerrimine N-oxide/Senecionine N-oxide, sum10µg/kgIntermedine10µg/kgIntermedine10µg/kgLasiocarpine10µg/kgLasiocarpine10µg/kgLycopsamine/Indicine, sum10µg/kgLycopsamine/Indicine, sum10µg/kgRetrorsine/Usaramine, sum10µg/kgRinderine/Echinatine, sum10µg/kgRinderine/Echinatine, sum10µg/kgSenecionine10µg/kgSenecionine10µg/kgSenecionine10µg/kgSenecivernine/Integerrimine, sum10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine N-oxide10µg/kgSenecivernine N-oxide10µ	Echimidine/Heliosupine, sum	<10	µg/kg
Europine N-oxide10µg/kgHeliotrine10µg/kgHeliotrine10µg/kgIntegerrimine N-oxide/Senecionine N-oxide, sum10µg/kgIntermedine10µg/kgIntermedine10µg/kgLasiocarpine10µg/kgLasiocarpine10µg/kgLycopsamine/Indicine, sum10µg/kgLycopsamine/Indicine, sum10µg/kgRetrorsine/Usaramine, sum10µg/kgRetrorsine/Usaramine, sum10µg/kgRinderine/Echinatine, sum10µg/kgSenecionine10µg/kgSenecionine10µg/kgSenecionine10µg/kgSenecivernine/Integerrimine, sum10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide10µg/kgSenecivernine/N-oxide	Echinatine N-oxide	<10	µg/kg
Heliotrine<10µg/kgHeliotrine N-oxide<10	Europine	<10	µg/kg
Heliotrine N-oxide10µg/kgIntegerrimine N-oxide/Senecionine N-oxide, sum<10	Europine N-oxide	<10	µg/kg
Integerimine N-oxide/Senecionine N-oxide, sum<10µg/kgIntermedine<10	Heliotrine	<10	µg/kg
Intermedine<10µg/kgIntermedin N-oxide/Indicin N-oxide, sum<10	Heliotrine N-oxide	<10	µg/kg
Intermedin N-oxide/Indicin N-oxide, sum<10µg/kgLasiocarpine<10	Integerrimine N-oxide/Senecionine N-oxide, sum	<10	µg/kg
Lasiocarpine<10µg/kgLasiocarpine N-oxide<10	Intermedine	<10	µg/kg
Lasiocarpine N-oxide<10µg/kgLycopsamine/Indicine, sum<10	Intermedin N-oxide/Indicin N-oxide, sum	<10	µg/kg
Lycopsamine/Indicine, sum<10µg/kgLycopsamine N-oxide<10	Lasiocarpine	<10	µg/kg
Lycopsamine N-oxide<10µg/kgRetrorsine/Usaramine, sum<10	Lasiocarpine N-oxide	<10	µg/kg
Retrorsine/Usaramine, sum<10µg/kgRetrorsine N-oxide/Usaramine N-oxide, sum<10	Lycopsamine/Indicine, sum	<10	µg/kg
Retrorsine N-oxide/Usaramine N-oxide, sum<10µg/kgRinderine/Echinatine, sum<10	Lycopsamine N-oxide	<10	µg/kg
Rinderine/Echinatine, sum<10µg/kgRinderine N-oxide<10	Retrorsine/Usaramine, sum	<10	µg/kg
Rinderine N-oxide<10µg/kgSenecionine<10	Retrorsine N-oxide/Usaramine N-oxide, sum	<10	µg/kg
Senecionine<10µg/kgSeneciphylline<10	Rinderine/Echinatine, sum	<10	µg/kg
Seneciphylline<10µg/kgSeneciphylline N-oxide<10	Rinderine N-oxide	<10	µg/kg
Seneciphylline N-oxide<10µg/kgSenecivernine/Integerrimine, sum<10	Senecionine	<10	µg/kg
Senecivernine/Integerrimine, sum<10µg/kgSenecivernine N-oxide<10	Seneciphylline	<10	µg/kg
Senecivernine N-oxide<10µg/kgSenkirkine<10	Seneciphylline N-oxide	<10	µg/kg
Senkirkine<10µg/kgSpartioidine<10	Senecivernine/Integerrimine, sum	<10	µg/kg
Spartioidine<10µg/kgSpartioidine N-oxide<10	Senecivernine N-oxide	<10	µg/kg
Spartioidine N-oxide<10µg/kgErucifoline<10	Senkirkine	<10	µg/kg
Erucifoline<10µg/kgErucifoline N-oxide<10	Spartioidine	<10	µg/kg
Erucifoline N-oxide<10µg/kgJacobine<10	Spartioidine N-oxide	<10	µg/kg
Jacobine<10µg/kgJacobine N-oxide<10	Erucifoline	<10	µg/kg
Jacobine N-oxide<10µg/kgMonocrotaline<10	Erucifoline N-oxide	<10	µg/kg
Monocrotaline<10µg/kgMonocrotaline N-oxide<10	Jacobine	<10	µg/kg
Monocrotaline N-oxide<10µg/kgTrichodesmine<10	Jacobine N-oxide	<10	µg/kg
Trichodesmine<10µg/kgPyrrolizidine alkaloids, sum BfR-28not detectableµg/kg	Monocrotaline	<10	µg/kg
Pyrrolizidine alkaloids, sum BfR-28 not detectable µg/kg	Monocrotaline N-oxide	<10	µg/kg
	Trichodesmine	<10	µg/kg
Pyrrolizidine alkaloids, sum VO 2020/2040 not detectable µg/kg	Pyrrolizidine alkaloids, sum BfR-28	not detectable	µg/kg
	Pyrrolizidine alkaloids, sum VO 2020/2040	not detectable	µg/kg





Certificate of analysis : 23012055 - 001 Sample name : ALLNUTRITION CLA+Green Tea+L-carnitine 90 cap

Hamburg, 21.03.2023

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Methods

Parameter	Method
Pyrrolizidine alkaloids	HM-MA-M 02-055, LC-MS/MS: 2022-01 ^a 3
Pyrrolizidine alkaloids, sum BfR-28	calculated ₃
Pyrrolizidine alkaloids, sum VO 2020/2040	calculated ₃

With ^a marked methods are accredited. Testing laboratory: ₃GBA Hameln