

Deutsche
Akkreditierungsstelle
D-PL-14170-01-00

Contact person:
Elisa Grune
Phone +49 40 797172-864
e.grune@gba-group.de

Certificate of analysis 26022038 - 001

Sample name : ORGANIC GUARANA SEEDS

Marking of sample : BATCH NO: 260401009N0036 + N0037 + N0038 + N0039 + N0040

Customer No. : none

Packaging : Plastic package

Sample amount : 103 g (1 Unit)

Shipping of sample : Courier Service

Sample entry : 05.05.2026

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 05.05.2026 / 12.05.2026

The test results apply only to the test items described in the report. No responsibility is accepted for the validity of the results if any data or information provided by the customer may affect them. Data provided by the customer are clearly identified. The laboratory assumes no responsibility for the sampling including minimum quantities unless it was carried out by samplers from a company within the GBA Group or on its behalf. In this case, the results apply to the sample as received. The test report may not be published or reproduced, in whole or in part, without the written consent of the issuing company. The general terms and conditions are available at <https://www.gba-group.com/en/general-terms-and-conditions/>.

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Dok.-Nr.: ML 510-01 # 1 V1 E, 510, 19.02.2026



Certificate of analysis : 26022038 - 001

Sample name : ORGANIC GUARANA SEEDS

Test Results

Pesticides and related substances	Result	Unit	± MU	MU Source
Pesticides, GC-MS/MS	not detectable			
Anthraquinone	<0,005	mg/kg		II
Pesticides, LC-MS/MS	not detectable			

Scope of analyzed pesticides GC-MS/MS / LC-MS/MS: according to list of pesticides TGK (05/08/2024)

Assessment:

Results of pesticide analysis meet the requirements of the Regulation (EC) 396/2005 on maximum residue levels of pesticides.

Results of pesticide analysis meet the orientation value (0,01 mg/kg) of the Association of Organic Processors, Wholesalers, and Retailers in Germany (Bundesverband Naturkost Naturwaren e.V. (BNN)).

Hamburg, 12.05.2026

This test report is done automatically and is valid without signature.

i. A. E. Grune

(M.Sc. Human Nutrition / Customer service)

Methods

Parameter	Method	DR
Pesticides, GC-MS/MS	§ 64 LFGB L 00.00-115: 2018-10 ^a ₀	y
Pesticides, LC-MS/MS	§ 64 LFGB L 00.00-115: 2018-10 ^a ₀	y

The methods marked with ^a are accredited methods of the performing laboratory.

Testing laboratory: oGBA Hamburg

MU-Source:

II: According to SANTE/11312/2021

Decision rules:

y: In conformity assessment, measurement uncertainty is disregarded for measured values below the tolerance limit. For measured values exceeding the tolerance limit, measurement uncertainty is subtracted from the measured value. If no conformity assessment is performed, measurement uncertainty serves as informational data only.



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Contact person:
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Certificate of analysis 26022038 - 002

Sample name : ORGANIC GUARANA SEEDS

Marking of sample : BATCH NO: 260401009N0036 + N0037 + N0038 + N0039 + N0040

Customer No. : none

Packaging : Plastic package

Sample amount : 104 g (1 Unit)

Shipping of sample : Courier Service

Sample entry : 05.05.2026

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 05.05.2026 / 15.05.2026

The test results apply only to the test items described in the report. No responsibility is accepted for the validity of the results if any data or information provided by the customer may affect them. Data provided by the customer are clearly identified. The laboratory assumes no responsibility for the sampling including minimum quantities unless it was carried out by samplers from a company within the GBA Group or on its behalf. In this case, the results apply to the sample as received. The test report may not be published or reproduced, in whole or in part, without the written consent of the issuing company. The general terms and conditions are available at <https://www.gba-group.com/en/general-terms-and-conditions/>.

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Dok.-Nr.: ML 510-01 # 1 V1 E, 510, 19.02.2026



Certificate of analysis : 26022038 - 002

Sample name : ORGANIC GUARANA SEEDS

Test Results

Chemical/Physical Test	Result	Unit	± MU	MU Source
Lead	<0,020	mg/kg		I
Cadmium	0,027	mg/kg	0,0054	I
Mercury	<0,010	mg/kg		I
Arsenic	<0,040	mg/kg		I

Assessment:

Result of mercury analysis meets the requirements of the Regulation (EC) 396/2005.

Hamburg, 15.05.2026

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i. A. E. Grune

(M.Sc. Human Nutrition / Customer service)

Methods

Parameter	Method	DR
Lead	DIN EN 15763, ICP-MS: 2010-04 ^a ₀	y
Cadmium	DIN EN 15763, ICP-MS: 2010-04 ^a ₀	y
Mercury	DIN EN 15763, ICP-MS: 2010-04 ^a ₀	y
Arsenic	DIN EN 15763, ICP-MS: 2010-04 ^a ₀	y
Pressure pulping	§ 64 LFGB L 00.00-19/1: 2015-06 ^a ₀	q

The methods marked with ^a are accredited methods of the performing laboratory.

Testing laboratory: ₀GBA Hamburg

MU-Source:

I: According to DIN ISO 11352 as expanded, combined measurement uncertainty with k = 2 (95 %), sampling not included

Decision rules:

y: In conformity assessment, measurement uncertainty is disregarded for measured values below the tolerance limit. For measured values exceeding the tolerance limit, measurement uncertainty is subtracted from the measured value. If no conformity assessment is performed, measurement uncertainty serves as informational data only.

q: The conformity assessment of qualitative measurement values (positive/negative, conforms/ does not conform) is performed without considering additional analytical measurands.

Certificate of analysis : 26022038 - 002

Sample name : ORGANIC GUARANA SEEDS

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Contact person:
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Certificate of analysis 26022038 - 004

Sample name : ORGANIC GUARANA SEEDS

Marking of sample : BATCH NO: 260401009N0036 + N0037 + N0038 + N0039 + N0040

Customer No. : none

Packaging : Plastic package

Sample amount : 106 g (1 Unit)

Shipping of sample : Courier Service

Sample entry : 05.05.2026

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 05.05.2026 / 12.05.2026

The test results apply only to the test items described in the report. No responsibility is accepted for the validity of the results if any data or information provided by the customer may affect them. Data provided by the customer are clearly identified. The laboratory assumes no responsibility for the sampling including minimum quantities unless it was carried out by samplers from a company within the GBA Group or on its behalf. In this case, the results apply to the sample as received. The test report may not be published or reproduced, in whole or in part, without the written consent of the issuing company. The general terms and conditions are available at <https://www.gba-group.com/en/general-terms-and-conditions/>.

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Dok.-Nr.: ML 510-01 # 1 V1 E, 510, 19.02.2026



Certificate of analysis : 26022038 - 004

Sample name : ORGANIC GUARANA SEEDS

Test Results

Chemical/Physical Test	Result	Unit	± MU	MU Source
PAH				
Benzo(a)anthracene	<1,0	µg/kg		I
Chrysen	<1,0	µg/kg		I
Benzo(b)fluoranthene	<1,0	µg/kg		I
Benzo(a)pyrene	<1,0	µg/kg		I
Sum of PAH	not detectable	µg/kg		I

Hamburg, 12.05.2026

This test report is done automatically and is valid without signature.

i. A. E. Grune

(M.Sc. Human Nutrition / Customer service)

Methods

Parameter	Method	DR
PAH	HH-MA-M 02-105 # U, HPLC-FLD: 2023-06 ^a ₀	y
Sum of PAH	calculated α	

The methods marked with ^a are accredited methods of the performing laboratory.

Testing laboratory: ₀GBA Hamburg α automatically calculated from the system

MU-Source:

I: According to DIN ISO 11352 as expanded, combined measurement uncertainty with $k = 2$ (95 %), sampling not included

Decision rules:

y: In conformity assessment, measurement uncertainty is disregarded for measured values below the tolerance limit. For measured values exceeding the tolerance limit, measurement uncertainty is subtracted from the measured value. If no conformity assessment is performed, measurement uncertainty serves as informational data only.

Certificate of analysis : 26022038 - 004

Sample name : ORGANIC GUARANA SEEDS

CERTIFICADO DE ANÁLISE N° 029/26

N° PROPOSTA
058/26

EMIÇÃO
24/06/2026

DESCRIÇÃO DO MATERIAL

Organic Guarana in Grains (Batch: 260401009N0036 + N0037 + N0038 + N0039 + N0040)

N° AMOSTRA
NCA-085/26

QUANTIDADE DE MATERIAL
100 g

RECEBIMENTO
16/06/2026

PERÍODO DE ANÁLISE
18/06/2026 a 23/06/2026

ANÁLISES FÍSICO-QUÍMICAS

Parâmetro	Resultado	Unidade	Método
Cafeína	3,69	g/100g	HPLC (ISO 20481-2018)

Manaus, 24 de junho de 2026.

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Iracelma Henriques Pereira
CRQ n° 14100884/XV Região
Responsável Técnica

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Vanderlei Sabóia dos Santos
Gerente do Núcleo Central Analítica
Centro de Bionegócios da Amazônia - CBA