

Deutsche  
Akkreditierungsstelle  
D-PL-14170-01-00

Contact person:  
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**Certificate of analysis 23058810 - 004**

Sample name : Flaxseed organic

Marking of sample : Chlormequat/Mepiquat,  
Lot: FLX/VA/2022/0262

Customer No. : 208

Packaging : plastic package

Sample amount : 1 x 1095 g

Shipping of sample : Courier Service

Sample entry : 19.12.2023

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 19.12.2023 / 21.12.2023

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 The GBA test report may not be published without the express written consent of the GBA Group, nor may excerpts of it be reproduced without permission.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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Certificate of analysis : 23058810 - 004

Sample name : Flaxseed organic

## Test Results

<i>Pesticides and related substances</i>	<i>Result</i>	<i>Unit</i>
Chlormequat, total	<0,010	mg/kg
Mepiquat, total	<0,010	mg/kg

### 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, 21.12.2023



i. A. M. Jähring

(Certified Food Chemist / Customer Service)

## Methods

<i>Parameter</i>	<i>Method</i>
Chlormequat, total	HH-MA-M 02-155, LC-MS/MS: 2023-05 <sup>a</sup>
Mepiquat, total	HH-MA-M 02-155, LC-MS/MS: 2023-05 <sup>a</sup>

With <sup>a</sup> marked methods are accredited.

Testing laboratory: oGBA Hamburg

Chlormequat, total: sum of chlormequat (factor: 1,2891) and its salts, expressed as chlormequat-chloride

Mepiquat, total: sum of mepiquat (factor: 1,3104) and its salts, expressed as mepiquat chloride



Contact person:  
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### **Certificate of analysis 23058810 - 001**

Sample name : Flaxseed organic

Marking of sample : Glyphosate/AMPA/Glufosinate,  
Lot: FLX/VA/2022/0262

Customer No. : 208

Packaging : plastic package

Sample amount : 1 x 1095 g

Shipping of sample : Courier Service

Sample entry : 19.12.2023

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 19.12.2023 / 21.12.2023

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Certificate of analysis : 23058810 - 001

Sample name : Flaxseed organic

**Test Results**

<i>Pesticides and related substances</i>	<i>Result</i>	<i>Unit</i>
Glyphosate / AMPA		
Glyphosate	<0,010	mg/kg
AMPA	<0,010	mg/kg
Glufosinate	<0,010	mg/kg

**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, 21.12.2023



i. A. M. Jähfing

(Certified Food Chemist / Customer Service)

**Methods**

<i>Parameter</i>	<i>Method</i>
Glyphosate / AMPA	HH-MA-M 02-156, LC-MS/MS: 2023-05 <sup>a</sup>
Glufosinate	HH-MA-M 02-156, LC-MS/MS: 2023-05 <sup>a</sup>

With <sup>a</sup> marked methods are accredited.Testing laboratory: <sup>o</sup>GBA Hamburg

Glufosinate, total: sum of glufosinate isomers, its salts and its metabolites 3-[hydroxy(methyl)phosphinoyl]propionic acid (MPPA, factor: 1,184) and N-acetyl-glufosinate (NAG, factor 0,807), expressed as glufosinate

For the result of the amount of Glufosinate, total, in deviation from the residue definition, only the content of Glufosinat was taken into account.



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## Certificate of analysis 23058810 - 005

Sample name : Flaxseed organic

Marking of sample : Hydrocyanic acid,  
Lot: FLX/VA/2022/0262

Customer No. : 208

Packaging : plastic package

Sample amount : 1 x 1095 g

Shipping of sample : Courier Service

Sample entry : 19.12.2023

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 19.12.2023 / 22.12.2023

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Certificate of analysis : 23058810 - 005

Sample name : Flaxseed organic

## Test Results

<i>Chemical/Physical Test</i>	<i>Result</i>	<i>Unit</i>
Hydrocyanic acid, total (free and bound)	167	mg/kg

Maximum level for hydrocyanic acid according to Regulation (EU) 2023/915 for the category 2.3.1 "Unprocessed whole, ground, milled, cracked, chopped linseed not placed on the market for the final consumer".

### Assessment:

Result of cyanic acid analysis meets the requirements of the Regulation (EU) 2023/915 for unprocessed whole, ground, milled, cracked, chopped linseed not placed on the market for the final consumer, category 2.3.1.

Hamburg, 22.12.2023



i. A. M. Jähring

(Certified Food Chemist / Customer Service)

## Methods

<i>Parameter</i>	<i>Method</i>
Hydrocyanic acid, total (free and bound)	HH-MA-M 03-066 # U, Headspace, GC-MSD: 2023-06 <sup>o</sup>

With <sup>o</sup> marked methods are accredited.

Testing laboratory: <sup>o</sup>GBA Hamburg



Contact person:  
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### Certificate of analysis 23058810 - 003

Sample name : Flaxseed organic

Marking of sample : Paraquat/Diquat,  
Lot: FLX/VA/2022/0262

Customer No. : 208

Packaging : plastic package

Sample amount : 1 x 1095 g

Shipping of sample : Courier Service

Sample entry : 19.12.2023

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 19.12.2023 / 21.12.2023

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Certificate of analysis : 23058810 - 003  
Sample name : Flaxseed organic

## Test Results

<i>Pesticides and related substances</i>	<i>Result</i>	<i>Unit</i>
Paraquat	<0,005	mg/kg
Diquat	<0,005	mg/kg

### 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, 21.12.2023



i. A. M. Jähring

(Certified Food Chemist / Customer Service)

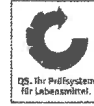
## Methods

<i>Parameter</i>	<i>Method</i>
Paraquat	HH-MA-M 02-137, LC-MS/MS: 2021-10 <sup>a</sup>
Diquat	HH-MA-M 02-137, LC-MS/MS: 2021-10 <sup>a</sup>

With <sup>a</sup> marked methods are accredited.  
Testing laboratory: <sup>o</sup>GBA Hamburg

Diquat: sum of diquat and its salts, expressed as diquat





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## Certificate of analysis 23058810 - 002

Sample name : Flaxseed organic

Marking of sample : Pesticides, QuEChERS, GC/LC-multi method,  
Lot: FLX/VA/2022/0262

Customer No. : 208

Packaging : plastic package

Sample amount : 1 x 1095 g

Shipping of sample : Courier Service

Sample entry : 19.12.2023

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 19.12.2023 / 21.12.2023

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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Certificate of analysis : 23058810 - 002

Sample name : Flaxseed organic

## Test Results

<i>Pesticides and related substances</i>	<i>Result</i>	<i>Unit</i>
Pesticides, GC-MS/MS	not detectable	
Pesticides, LC-MS/MS	not detectable	

Scope of analyzed pesticides GC-MS/MS / LC-MS/MS: according to list of pesticides GÖST (01/05/2023)

### 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, 21.12.2023



i. A. M. Jähring

(Certified Food Chemist / Customer Service)

## Methods

<i>Parameter</i>	<i>Method</i>
Pesticides, GC-MS/MS	§ 64 LFGB L 00.00-115, mod.: 2018-10 <sup>9</sup>
Pesticides, LC-MS/MS	§ 64 LFGB L 00.00-115, mod.: 2018-10 <sup>9</sup>

With <sup>9</sup> marked methods are accredited.

Testing laboratory: <sup>9</sup>GBA Hamburg

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**Certificate of analysis 23058810 - 006**

Sample name : Flaxseed organic

Marking of sample : Phenoxy alkanolic acids and related substances,  
Lot: FLX/VA/2022/0262

Customer No. : 208

Packaging : plastic package

Sample amount : 1 x 1095 g

Shipping of sample : Courier Service

Sample entry : 19.12.2023

Entrance temperature : Room temperature

Sample taken : by sender

Begin/end of analysis : 19.12.2023 / 21.12.2023

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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Certificate of analysis : 23058810 - 006

Sample name : Flaxseed organic

## Test Results

<i>Pesticides and related substances</i>	<i>Result</i>	<i>Unit</i>
<i>Phenoxy alkanolic acids and related substances</i>		
<i>Phenoxy alkanolic acids (without hydrolysis)</i>		
2-Naphthoxyacetic acid	<0,010	mg/kg
4-CPA	<0,010	mg/kg
Acifluorfen	<0,010	mg/kg
Benazolin	<0,010	mg/kg
Carfentrazone	<0,010	mg/kg
Carfentrazone ethyl	<0,010	mg/kg
Carfentrazone ethyl, total	not detectable	mg/kg
Clodinafop, total	<0,010	mg/kg
Cloprop	<0,010	mg/kg
Clopyralid	<0,010	mg/kg
Cyclanilide	<0,010	mg/kg
Dikegulac	<0,010	mg/kg
DNOC	<0,010	mg/kg
Fenoprop	<0,010	mg/kg
Fenoxaprop-P	<0,010	mg/kg
Fomesafen	<0,010	mg/kg
Imazamox, total	<0,010	mg/kg
Imazapic	<0,010	mg/kg
Imazapyr	<0,010	mg/kg
Imazaquin	<0,010	mg/kg
Imazethapyr	<0,010	mg/kg
Mecoprop, total	<0,010	mg/kg
Mesotrione	<0,010	mg/kg
Naptalam	<0,010	mg/kg
Picloram	<0,010	mg/kg
Quinclorac	<0,010	mg/kg
Quinmerac	<0,010	mg/kg
Sintofen	<0,010	mg/kg
Sulcotrione	<0,010	mg/kg
Tembotrione, total	not detectable	mg/kg
Triclopyr	<0,010	mg/kg
<i>Phenoxy alkanolic acids (with hydrolysis)</i>		
2,4,5-T, total	<0,010	mg/kg
2,4-D, total	<0,010	mg/kg
2,4-DB, total	<0,010	mg/kg
Acibenzolar-S-methyl, total	not detectable	mg/kg

Certificate of analysis : 23058810 - 006

Sample name : Flaxseed organic

<i>Pesticides and related substances</i>	<i>Result</i>	<i>Unit</i>
Aminopyralid, total	<0,010	mg/kg
Bentazone, total	not detectable	mg/kg
Dichlorprop, total	<0,010	mg/kg
Diclofop, total	not detectable	mg/kg
Fluazifop-P, total	<0,010	mg/kg
Fluroxypyr, total	<0,010	mg/kg
Haloxyfop, total	<0,010	mg/kg
MCPA, total	<0,010	mg/kg
MCPB, total	<0,010	mg/kg
MCPA/MCPB, total	not detectable	mg/kg
Pyraflufen ethyl, total	not detectable	mg/kg
Quizalofop, total	<0,010	mg/kg

**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, 21.12.2023



i. A. M. Jähring

(Certified Food Chemist / Customer Service)

**Methods**

<i>Parameter</i>	<i>Method</i>
Phenoxy alkanic acids (without hydrolysis)	HH-MA-M 02-135, without hydrolysis, LC-MS/MS: 2023-03 <sup>a</sup> <sub>0</sub>
Phenoxy alkanic acids (with hydrolysis)	HH-MA-M 02-135, with hydrolysis, LC-MS/MS: 2023-03 <sup>a</sup> <sub>0</sub>

With <sup>a</sup> marked methods are accredited.

Testing laboratory: <sub>0</sub>GBA Hamburg

Carfentrazone-ethyl, total: sum of carfentrazone-ethyl and carfentrazone (factor: 1,073), expressed as carfentrazone-ethyl

Clodinafop, total: clodinafop and its S-isomers and their salts, expressed as clodinafop

Certificate of analysis : 23058810 - 006

Sample name : Flaxseed organic

Imazamox, total: sum of imazamox and its salts, expressed as imazamox

Mecoprop, total: sum of mecoprop-p and mecoprop expressed as mecoprop

Quinmerac, total: sum of quinmerac and its metabolites BH 518-2 and BH 518-4 expressed as quinmerac.

Tembotrione: sum of parent tembotrione (AE 0172747) and its metabolite M5 (4,6-dihydroxy tembotrione, factor: 0,932), expressed as tembotrione

2,4,5-T, total: sum of 2,4,5-T, its salts and esters, expressed as 2,4,5-T

2,4-D, total: sum of 2,4-D, its salts, its esters and its conjugates, expressed as 2,4-D

2,4-DB, total: sum of 2,4-DB, its salts, its esters and its conjugates, expressed as 2,4-DB

Acibenzolar-S-methyl, total: sum of acibenzolar-S-methyl and acibenzolar acid (factor: 1,0719) (free and conjugated), expressed as acibenzolar-S-methyl

Aminopyralid, total: sum of aminopyralid, its salts and its conjugates, expressed as aminopyralid

Bentazone, total: sum of bentazone, its salts and 6-hydroxy (free and conjugated, factor: 0,938) and 8-hydroxy bentazone (free and conjugated, factor: 0,938), expressed as bentazone

Dichlorprop, total: sum of dichlorprop (including dichlorprop-P), its salts, esters and conjugates, expressed as dichlorprop

Diclofop, total: sum of diclofop-methyl, diclofop acid (factor: 1,043) and its salts, expressed as diclofop-methyl (sum of isomers)

Fluazifop-P, total: sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop

Fluroxypyr, total: sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr

Haloxypop, total: sum of haloxypop, its esters, salts and conjugates expressed as haloxypop (sum of the R- and S-isomers at any ratio).

MCPA/MCPB, total: MCPA, MCPB (factor: 0,88) including their salts, esters and conjugates expressed as MCPA

Pyraflufen-ethyl, gesamt: sum of pyraflufen-ethyl and pyraflufen (factor: 1,073), expressed as pyraflufen-ethyl

Quizalofop total: sum of quizalofop, its salts, its esters (including propaquizafof) and its conjugates, expressed as quizalofop (any ratio of constituent isomers).