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SERVICE AND ANALYTICAL CENTER
 accredited in accordance with the requirements of DSTU EN ISO / IEC 17025: 2019
 Accreditation certificate of the National Accreditation Agency of Ukraine № 202141 dated Nov 25, 2022

TEST PROTOCOL
 № 5059 - 23 - S from September 11, 2023

Name and address of the customer:

Supporting documents: Application № UPCB-001875 from September 7, 2023
 The act of selection was not provided

Registration number (s) and identification of sample (s) according to the accompanying customer documentation:
 5059 - 23 - S - Hulled millet, Lot: EN 200, production consignment size: 22 500 kg, date of production: September 2023

Condition of the sample (s): Suitable for analysis. The sample was received in a sealed marked plastic container. The bag is sealed, without damages.

Sampling information(s): Sample is collected by the customer according to GOST 10852-86.

Date of receipt of the test sample(s): September 7, 2023

Date(s) of testing: September 7, 2023 – September 8, 2023

Test results:

Name of indicator, units of measurement	Result	Expanded uncertainty, U	Name of the normative documents on the test method
5059 - 23 - S - Hulled millet, Lot: EN 200, production consignment size: 22 500 kg, date of production: September 2023			
AMPA, mg/kg	<0.1*	-	QuPpe-PO-Method
Glyphosate, mg/kg	<0.1*	-	QuPpe-PO-Method
Glufosinate ammonium, mg/kg	<0.1*	-	QuPpe-PO-Method
Pesticides, mg/kg	<0.01* (d)	-	DIN EN 15662:2018-07

Note.

d)- the list of determined pesticides is given in the Annex № 1

* - limit of quantification

Additional information:

QuPpe-PO-Method – Quick Method for the Analysis of Numerous Highly Polar Pesticides in Food Involving Extraction with Acidified Methanol and LC-MS/MS Measurement

Extended measurement uncertainty is the actual value, expressed in units of the measured value, obtained by multiplying the standard uncertainties by the coverage factor $k = 2$, which assumes a normal distribution of uncertainty and corresponds approximately to 95% of the probability of coverage.

The Head of Service and analytical center

Responsible for protocol's formation

The end of test protocol



PEREKHREST Iryna
STAROSTENKO Nataliia

PEREKHREST Iryna

STAROSTENKO Nataliia

**The list of pesticides
(limit of quantification 0, 01 mg/kg)**

2,4-D acid	Endosulfan sulfate	Metamitron
Azaconazole	Endrin	Metaflumizone
Azamethiphos	Epoxiconazole	Metconazole
Azoxystrobin	Ethalfuralin	Metobromuron
Alachlor	Ethirimol	Methoxychlor
Aldicarb	Ethion	Metolachlor
Aldrin	Ethyoxyquin	Methoprotryne
alpha-HCH	Ethoprophos	Metrafenone
alpha-Endosulfan	Ethofumesate	Metribuzin
alpha-Cypermethrin	Zoxamide	Metsulfuron-methyl
Amidosulfuron	Isoxaben	Myclobutanil
Aminocarb	Isoxafutole	Molinate
Amitraz	Isoprothialane	Monocrotophos
Atrazine	Isofenphos-methyl	MCPA
Acetamidiprid	Imazalil	Nicosulfuron
Acetochlor	Imazamox	Nitrofen
Acifluorfen	Imazapyr	Novaluron
Benalaxyl	Imazethapyr	o,p-DDD
Bentazone	Imidacloprid	o,p-DDE
beta-HCH	Indoxacarb	o,p-DDT
beta-Endosulfan	Others pesticides	Oxadixyl
Beflubutamid	Ipconazole	Oxadiazon
Bitertanol	Iprovalicarb	Oxamyl
Bifenazate	Carbendazim	Oxasulfuron
Bifentrin	Carboxin	Omethoate
Boscalid	Carbofuran	Paclobotrazol
Bromuconazole	Carfentrazone-ethyl	Parathion
Bupirimate	Quinalfos	Parathion-methyl
Buprofezin	Quinoxifen	Pendimethalin
Halosulfuron-methyl	Clethodim	Penconazole
Hexazinone	Clomazone	Pencycuron
Hexaconazole	Clopyralid	Perthane
Hexythiazox	Clothianidin	Picoxystrobin
Hexaflumuron	Clofentezine	Picolinafen
Heptachlor	Kresoxim-methyl	Pymetrozin
Heptachlor epoxide	Coumaphos	Pyraclostrobin
delta-HCH	Lenacil	Pirimiphos-methyl
Deltamethrin	gamma-HCH(Lindane)	Pyridaben
Desmedipham	Linuron	Pyrimethanil
DEET(diethyltoluamide)	Lufenuron	Pirimicarb
Dicamba	lambda-Cyhalothrin	Pyriproxyfen
Dieldrin	Melaonox	Proquinazid
Dimethachlor	Malathion	Promecarb
Dimethoate	Mandipropamid	Prometrin
Dimethomorph	Mevinphos	Propazine
Dimoxystrobin	Mesosulfuron-methyl	Propamocarb
Diniconazole	Mesotrione	Propargite
Disulfoton	Macarbam	Propachlor
Diuron	Mexacarbate	Propetamphos
Difenoconazole	Mepanipyrim	Propyzamide
Diflufenican	Methabenzthiazuron	Propisochlor
Dichlorvos	Metazachlor	Propiconazole
Diazinon	Metaxyl	Propoxur
Diethofencarb	Methamidophos	Profenfos

Prochloraz	Phenthoate
Pyracarbolid	Fenuron
p,p-DDD	Fipronil
p,p-DDE	Fonicamid
p,p-DDT	Florasulam
Rimsulfurone	Fluazifop-butyl
Rotenone	Fuberidazole
Secbumeton	Fludioxanil
Simazine	Fluquinconazole
Spiroxamine	Flumetsulam
Spiromesifen	Flumioxazin
Spirotetramat	Fluoxastrobil
Sulfentrazone	Fuometuron
Tau-fluvalinate	Fluopicolide
Tebuconazole	Flurochloridone
Tebuthiuron	Flusilazole
Tebufenpyrad	Flutriafoi
Temephos	Flufenacet
Tepraloxydim	Flufenoxuron
Terbuthylazine	Foramsulfuron
Tetradifon	Forchlorfenuron
Tetraconazole	Phosalone
Tetramethrin	Phosmet
Tefluthrin	Phosphamidon
Thiabendazole	Furalaxyl
Thiacloprid	Furathiocarb
Thiametoxam	Quizalofop-ethyl
Thidiazuron	Chlorpyrifos-methyl
Thiophanate-methyl	Chlorantraniliprol
Thifensulfuron-methyl	Chlorbenside
Tolclofos-methyl	Chlorbenzilat
Tralkoxidym	Chloridazon
trans-Permethrin	Chloroxuron
trans-Chlordane	Chlorotoluron
Triadimefon	Chlorpyrifos
Tribenuron-methyl	Chlorsulfuron
Trietazin	Chlorfenvinphos
Triticonazole	Chlorfenson
Trifloxystrobin	Cyazofamid
Triflumizole	Cycluron
Trifluralin	Cymoxanil
Triflusulfuron-methyl	Cypermethrin
Trichlorfon	Cyprodinil
Tricyclazol	Cyproconazole
Triadimenol	cis-Permethrin
Triazophos	cis-Chlordane
Trimethacarb	Cyfluthrin
Fenazaquin	
Fenamidone	
Fenamiphos	
Fenarimol	
Fenbuconazole	
Fenvalerate	
Fenhexamid	
Phenmedipham	
Fenobucarb	
Fenoxycarb	
Fenpyroximate	
Fenpropathrin	
Fenpropridine	

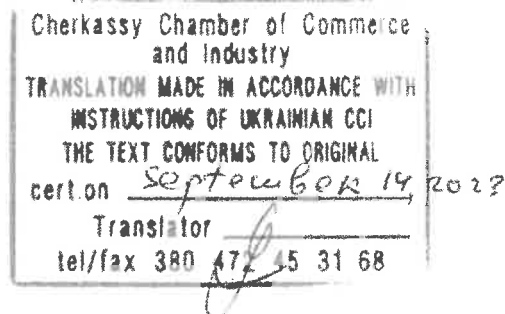


STATE SERVICE OF UKRAINE FOR FOOD SAFETY AND CONSUMER PROTECTION
 MAIN DEPARTMENT OF THE STATE SERVICE OF UKRAINE FOR FOOD SAFETY AND CONSUMER
 PROTECTION IN CHERKASY REGION
 CHERKASY REGIONAL STATE LABORATORY OF THE STATE SERVICE OF UKRAINE FOR FOOD
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20380
 DSTU ISO/IEC 17025



EXPERT CONCLUSION No 002723 n/23
 «13 » September 2023

Customer	
Address	

Test object(s) (description, condition) and identification number(s): 002723n/1/23 – Millet groats from the batch of 22500.0 kg

Date of manufacture:	002723n/1/23-September 2023, Lot EN 200
Place of selection:	
Belongs to:	002723n/1/23 - LLC Agrofirma Pole
Sampling:	Samples were selected by: T.V. Kotenko, head of the quality control department of finished products 07.09.2023 Accompanying letter dated September 7, 2023.
Date of receiving of the sample:	07.09.2023 15 hours 27 minutes
Purpose of tests:	Verification of compliance of the sample 002723 n/1/23 - Millet groats, for the content of mycotoxins (Aflatoxins B1, B2, G1, G2, µg/kg, Aflatoxin B1, µg/kg, Deoxynivalenol, µg/kg, Zearalenone, µg/kg, Ochratoxin A, µg/kg), according to microbiological indicators (KMAFANM, CFU in 1.0 g, Mold fungi, CFU in 1 g, Yeast, CFU in 1 g, Salmonella in 25 g) in accordance with the Specifications; inspection of sample 002723 n/1/23 - Millet groats, according to microbiological indicators (coli-forms) CFU in 1.0 g, L. monocytogenes in 25 g, Staphylococcus aureus in 1.0 g, Enterobacteria in 1.0 g, CFU, B. cereus, CFU/g, Escherichia Coli in 1.0 g) for information purposes
The test was carried out:	For the presence of mycotoxins: Microbiological tests
The period of the test:	07.09.2023 - 13.09.2023

002723n/1/23 – Millet groats
 Mycotoxins

The name of the indicator and the unit of measurement	MPL according to regulatory documents	Test results	Name of the Normative Document for the test method	Measurement uncertainty **	Conformity mark ****
Aflatoxins B1, B2, G1, G2, µg/kg	No more than 4	<0.5	PV.ChRDL DPSS 7.2-61	---	Corresponds
Aflatoxin B1, µg/kg	No more than 2	<0.5	PV.ChRDL DPSS 7.2-61	---	Corresponds
Deoxynivalenol, µg/kg	No more than 750	< 200.0	PV.ChRDL DPSS 7.2-288	---	Corresponds
Zearalenone, µg/kg	No more than 75	<50.0	PV.ChRDL DPSS 7.2-288	---	Corresponds
Ochratoxin A, µg/kg	No more than 3	<3.0	PV.ChRDL DPSS 7.2-288	---	Corresponds

Microbiological tests

The name of the indicator and the unit of measurement	MPL according to regulatory documents	Test results	Name of the Normative Document for the test method	Measurement uncertainty **	Conformity mark ****
Coli-forms, CFU in 1.0 g	---	<1,0 · 10 ¹	GOST 30518-97	---	---
L. monocytogenes in 25 g	---	Not found	ISO 11290-1 :2017	---	---

KMAFAnM, CFU in 1.0 g	No more than $5 \cdot 10^4$	$1.3 \cdot 10^4$	ISO 4833-1:2013	Not determined	Corresponds
Mold fungi, CFU in 1 g	No more than $1 \cdot 10^4$	$2.6 \cdot 10^4$	DSTU 8447:2015	Not determined	Corresponds
Yeast, CFU in 1 g	No more than $1 \cdot 10^4$	$< 1.0 \cdot 10^4$	DSTU 8447:2015	-	Corresponds
Enterobacteriaceae in 1.0 g, CFU	-	$7.0 \cdot 10^4$	DSTU ISO 21528-2:2014	Not determined	-
<i>B. cereus</i> , CFU/g	-	$< 1.0 \cdot 10^4$	DSTU 8040:2015	-	-
<i>Staphylococcus aureus</i> in 1.0 g	-	Not found	GOST 10444-2-94	-	-
<i>Escherichia coli</i> in 1.0 g	-	Not found	DSTU GOST 30726-2002	-	-
<i>Salmonella</i> in 25 g	Not allowed	Not found	ISO 6579-1:2017	-	Corresponds

Conclusion: 002723 n/1/23-Millet groats by the content of mycotoxins (Aflatoxins B1, B2, G1, G2, $\mu\text{g}/\text{kg}$, Aflatoxin B1, $\mu\text{g}/\text{kg}$, Deoxynivalenol, $\mu\text{g}/\text{kg}$, Zearalenone, $\mu\text{g}/\text{kg}$, Ochratoxin A, $\mu\text{g}/\text{kg}$), according to microbiological indicators (KMAFAnM, CFU in 1.0 g, Mold fungi, CFU in 1 g, Yeast, CFU in 1 g, *Salmonella* in 25 g) corresponds to the Specifications

Implementation recommendations: Act in accordance with current legislation

Notes:

- * - the test methodology is not included in the scope of accreditation in accordance with DSTU EN ISO/IEC 17025:2019.
 - ** - measurement uncertainty is included in the Expert conclusion if it concerns the probability or application of the test results, if the customer requires it or if the uncertainty affects compliance with the limits of the specifications specified in the requirements or technical characteristics.
 - *** - the declaration of compliance with the specifications (or requirements) is based on the value of $p=0.95$ (or confidence probability of 95%) in the calculations of the extended uncertainty of the results, which are the basis for decision-making.
- This Expert conclusion may not be reproduced, duplicated or distributed, in whole or in part, as an official document without the permission of the laboratory management.

The test results refer to the tested sample.

The customer orders the tests is responsible for the selection of samples.

Director

Signature Yurii SILAIEV

Responsible performers:

Head of the department of organizing monitoring researches, registration of samples and processing of documents

Signature Svitlana MORDUKH

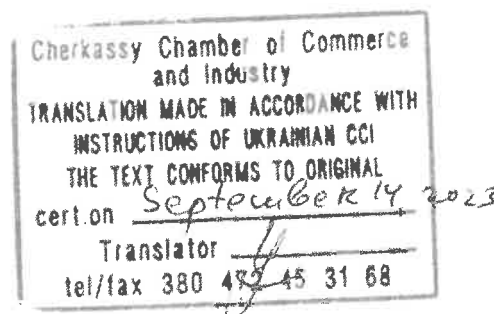
Head of the bacteriological department

Signature Kateryna LOPUSHNIAN

Leading specialist of the chemical-toxicological department

Signature Tetiana STRASHEVYCH

SEAL



Report: P2023144988

Sample: 2023148003

Client:

Order:

Sample receipt: 13.09.2023

Services completed: 13.09.2023 - 19.09.2023

Material: cereal products

Sampling: by sender

Sample transport: by sender

Sample storage until: 17.10.2023

Page: 1 of 1

Hamburg, 19 September 2023

Results

Sample identification:

Product: Hulled millet, V= 22 500 kg; PO: EN200

Food allergens

Method: SOP-No. 521: 2023-03

Parameter	Content	Unit	RL
Gluten	<5	mg/kg	5

RL = Reporting limit

Evaluation:

According to Regulation (EC) No 1169/2011 in combination with the executive order (EC) No 828/2014 foodstuffs with a maximal content of 20 mg/kg gluten may be labelled as gluten-free. Therefore this sample may be labelled with the term "gluten-free".

The results and the evaluation are exclusively related to the tested sample as received.

For any further questions please contact your customer service representative: Vanessa Monschein Tel. +49 40 / 368077 427

V. Monschein (Staatlich geprüfte Lebensmittelchemikerin) / Jana Vollmer (B.Sc. Ökotrophologie)

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