

VOLYN BRANCH OF THE STATE ENTERPRISE
LVIV SCIENTIFICALLY PRODUCTION CENTER OF STANDARDIZATION, METROLOGY
AND CERTIFICATION"
(SE "LVIVSTANDARTMETROLOGY")

Test center

accredited by the National Accreditation Agency of Ukraine according to the
requirements of DSTU ISO/ IEC 17025

Certificate of accreditation №20114 from to 2 november 2028

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20114
Testing



"APPROVED"
Head of the Department
Pogonjuk N.A.

Test report
of product samples

№256 from 03.04.2024

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1. Name of product: Fodder bran wheat
2. Manufacturer: LLC VILIA-PRODUCT, Rankova str 26, Lutsk, Volyn region
3. Customer trials: LLC VILIA-PRODUCT, Rankova str 26, Lutsk, Volyn region
4. The purpose of testing: On request
5. Sampling Act (application for testing) from: 26.03.2024, registered by the Center on №98
6. The date of receipt of samples for tests: 26.03.2024
7. Date(s) carrying out the tests: 26.03.2024 –03.04.2024
8. The amount of tested samples: 2 kg
9. Details of the party from which the samples were selected: 6000 tons, 2024
10. The results of the test are presented in tables and apply only the samples of products that have been tested
11. Total or partial reprinting of the report is forbidden without the laboratory permission

Responsible for the report execution  head of the sector Shepelia T.S.

**Test report
of product samples**

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Test results

The content of micotoxines according to DSTY 3016-95

№	Description	Measuring unit	Test method document	Value and permit of the index according to the standard	Test results	Accuracy
1	Aflatoxin B1	mg/kg	MU № 4082-86	not more than 0.005	less 0.001	0.001*
2	Zearalenone	mg/kg	MV №5177-90	not more than 1000	less 41	41*
3	Deoxyvalenol	mg/kg	MV №5177-90	not more than 500	less 200	200*
4	T-2 toxin	mg/kg	MV VC-03.01	not more than 0.1	less 0.06	0.06*
5	Ochratoxin A	mkg/kg	MV from 25.12.2014	-	less 2.0	2.0*
6	Suma aflatoxin (B1,B2,G1,G2)	mkg/kg	MV 15-14/316 from 25.12.2014	-	less 1.75	1.75***

Responsible for the execution _____ quality manager Bratiuk V.M.

_____ Head of the Sector Samoliuk L.A

_____ microbiologist Babii Yu.Yu.

The content of toxic elements in accordance with the order of the Ministry of Health of Ukraine No. 368 dated May 13, 2013.

**(in the version of the order of the Ministry of Health of Ukraine No. 1238 dated 22.05.2020)
State sanitary rules and regulations "Maximum permissible levels of certain pollutants in food products"**

№	Description	Measuring unit	Test method document	Value and permit of the index according to the standart	Test results	Accuracy
1	Copper	mg/kg	GOST 30178-96	-	1.6	+/-11%***
2	Plumbum	mg/kg	GOST 30178-96	not more than 1.0	0.027	+/-18%***
3	Cadmium	mg/kg	GOST 30178-96	not more than 0.1	0.016	+/-12%***
4	Zinc	mg/kg	GOST 30178-96	-	11.2	+/-9%***
5	Mercury	mg/kg	MV 5178-90	not more than 0.03	less 0.008	0.008*
6	Arsenic	mg/kg	DSTY ISO 2590:2004	-	less 0.08	0.08*

Responsible for the execution _____

Chemical engineer Savchenko A.A.

Chemical engineer Sira A.V.



**Test report
of product samples**

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Test results

Radiological indicators according to GH 6.6.1.1-130-2006

№	Description	Measuring unit	Test method document	Value and permit of the index according to the standart	Test results	Accuracy
1	Cs-137	Bk/kg	MI 12-08-99	not more than 30	4.79	+/-1.94
2	Sr-90	Bk/kg	MI 12-08-99	not more than 10	4.12	+/-1.51
3	Compliance rate B	atn unit	GN 6.6.1.1-130-2006	B+0.6 Δ B≤1.0	0.57	+/- 0.141

Responsible for the execution _____

Head of the Sector Samoliuk L.A

The content of GMO

№	Description	Measuring unit	Test method document	Value and permit of the index according to the standart	Test results	Accuracy
1	The detection of genetically modified plant DNA (35S promoter cauliflower mosaic virus (CaMV) ¹	-	DSTY ISO 21569:2008	-	not detected	0.01%*
2	The detection of genetically modified plant DNA (NOS-terminator from the Agrobacterium tumefaciens) ¹	-	DSTY ISO 21569:2008	-	not detected	0.01%*

Note: ¹ - the target sequence of promoter 35S Ca MV and FMV, NOS terminator – are sequence Genetically modified foods.

Responsible for the execution _____

microbiologist Babii Yu.Yu



**Test report
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Test results

The content of pesticides according to DSTY 3016-95

№	Description	Measuring unit	Test method document	Value and permit of the index according to the standart	Test results	Accuracy
1.	Heptachlor	mg/kg	MV 1112-73	not allowed	less 0.004	0.004*
2.	Aldrin	mg/kg	MV 1112-73	not allowed	less 0.004	0.004*
3.	Geksachloran	mg/kg	MV 1112-73	not more than 0.2	less 0.012	0.012*
4.	HCCG gamma isomer (lidane)	mg/kg	MV 1112-73	not more than 0.5	less 0.004	0.004*
5.	DDT and its metabolites	mg/kg	MV 1112-73	not more than 0.02	less 0.012	0.012*
6.	Aktelik	mg/kg	MV 3222-85	not more than 1.0	less 0.02	0.02*
7.	Bazudin	mg/kg	MV 3222-85	not more than 0.1	less 0.02	0.02*
8.	Dursban	mg/kg	MV 3222-85	not more than 0.1	less 0.02	0.02*
9.	Karbofos	mg/kg	MV 3222-85	not more than 3.0	less 0.02	0.02*
10.	Metafos	mg/kg	MV 3222-85	not allowed	less 0.02	0.02*
11.	TXMF-3	mg/kg	MV 3222-85	not more than 0.5	less 0.02	0.02*
12.	Fozalong	mg/kg	MV 3222-85	not more than 0.2	less 0.02	0.02*
13.	Fosfamid	mg/kg	MV 3222-85	not more than 0.4	less 0.02	0.02*
14.	Chlorofos	mg/kg	MV 3222-85	not more than 0.1	less 0.02	0.02*

Responsible for the execution


quality manager Bratiuk V.M.


Head of the Sector Samoliuk L.A

Notice:

* - limit of sensitivity of the method

** - limit of sensitivity of the device

*** - the difference between parallel trials

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