

**MINISTRY OF ECONOMIC DEVELOPMENT, TRADE AND
AGRICULTURE OF UKRAINE**
**STATE ENTERPRISE "CHERKASKY RESEARCH AND PRODUCTION CENTER OF
STANDARDIZATION, METROLOGY AND CERTIFICATION"**
(SE "CHERKASYSTANDARTMETROLOHIIA")
TESTING CENTER
**ACCREDITED BY THE NATIONAL ACCREDITATION AGENCY OF UKRAINE FOR
COMPLIANCE WITH DSTU ISO / IEC 17025: 2017 (ISO/IEC 17025:2017)**
CERTIFICATE OF ACCREDITATION № 20632 OF 02.09.2019

TESTING LABORATORY OF FOOD AND LIGHT INDUSTRY PRODUCTS
Ukraine, 18002, Cherkasy, Gogolia str.. 278, tel./fax. (0472) 332698 tel./fax. (0472) 543898
e-mail: lab@st.ck.ua lab-cherkassy@ukr.net

Approved
Head of the testing center of
SE "Cherkasystandartmetrolohiiia"
/signature/ S. A. Sotnyk
/seal/ 03.08.2020

TEST PROTOCOL
№ 4915/20-BI/1 - № 4916/20-BI/1 OF 03.08.2020

Customer: MEALWORLD, LLC 18028, Ukraine, Cherkasy region, Cherkasy, 138 Maksyma Zalizniaka str.

The object of testing and registration number:

4915. Corn grits № 4
4916. Corn grits № 5

Manufacturer: MEALWORLD, LLC

Test objective: Testing of product samples for compliance with the requirements
TU U 10.6-30476778-003: 2020.

Additional information: Samples selected by the customer. Application for testing 28.07.2020

Date of receipt of the sample for testing: 28 July 2020.

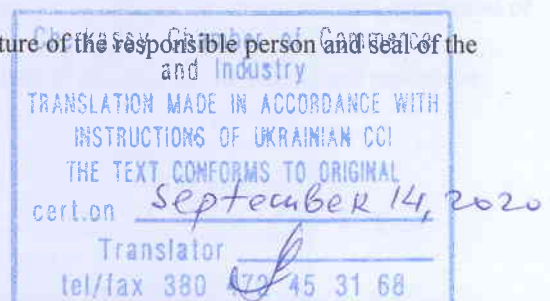
The samples were received by the test laboratory in a condition suitable for testing.

Tests were conducted in the period: from 28 July 2020 to 03 August 2020.

Stamp SE "CHERKASYSTANDARTMETROLOHIIA"
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Test results

№4915

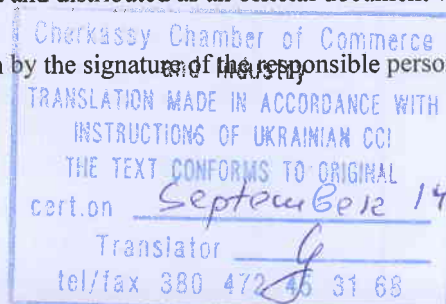
Test indicators, units of measure	Normative document for the test method	Values of indicators according to ND	Test results	Margin of error (expanded uncertainty)	Conformity mark
Physical and chemical parameters					
The content of metal-magnetic impurities, mg / kg	TU U 10.6-30476778-003: 2020 **	Not more than 3.0 - the size of individual particles in the largest linear dimension not more than 0.3 mm and (or) the mass of individual particles not more than 0.4 mg. Not allowed - the size and weight of individual particles greater than the above values	0.67 - the size of individual particles in the largest linear dimension not more than 0.3 mm and the mass of individual particles not more than 0.4 mg	-	Corresponds
Humidity,%	TU U 10.6-30476778-003: 2020 **	Not more than 14.00	12.1	U = ± 0,4	Corresponds
Ash content,%	DSTU ISO 2171: 2009	Not more than 0.95	0.26	U = ± 0,05	Corresponds (P = 0.99)
Grits with hull residues and germs (total),%	TU U 10.6-30476778-003: 2020 **	-	0.30	-	Corresponds (P = 0.99)
Mass fraction of fat in terms of dry matter,%	DSTU ISO 7302: 2003	Not more than 1.5	0.45	U = ± 0,02	Corresponds (P = 0.99)
Impurities,%	TU U 10.6-30476778-003: 2020 **	Not more than 0.30. In particular: mineral impurity not more than 0.05; harmful impurities are not allowed	Less than 0.02*	-	Corresponds
Value of the rate of out-siftings and riddling of two adjacent sieves with a diameter of out-siftings 2.0 mm and riddling 1.5 mm,%	TU U 10.6-30476778-003: 2020 **	Not less than 80	90.7	-	-

№ 4916

Test indicators, units of measure	Normative document for the test method	Values of indicators according to ND	Test results	Margin of error (expanded uncertainty)	Conformity mark
Physical and chemical parameters					
Value of the rate of out-siftings and riddling of two adjacent sieves with a diameter of out-siftings 2.0 mm and riddling 1.5 mm,%	TU U 10.6-30476778-003: 2020 **	Not less than 80	88.9	-	-

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Test indicators, units of measure	Normative document for the test method	Values of indicators according to ND	Test results	Margin of error (expanded uncertainty)	Conformity mark
The content of metal-magnetic impurities, mg / kg	TU U 10.6-30476778-003: 2020 **	Not more than 3.0 - the size of individual particles in the largest linear dimension not more than 0.3 mm and (or) the mass of individual particles not more than 0.4 mg. Not allowed - the size and weight of individual particles greater than the above values	1.27 - the size of individual particles 3 mm and the mass of individual particles 10 mg	-	Corresponds
Humidity,%	TU U 10.6-30476778-003: 2020 **	Not more than 14.00	12.3	U = ± 0,4	Corresponds
Ash content,%	DSTU ISO 2171: 2009	Not more than 0.95	0.23	U = ± 0,05	Corresponds (P = 0.99)
Grits with hull residues and germs (total),%	TU U 10.6-30476778-003: 2020 **	-	0.10	-	Corresponds (P = 0.99)
Mass fraction of fat in terms of dry matter,%	DSTU ISO 7302: 2003	Not more than 2.0	0.43	U = ± 0,02	Corresponds (P = 0.99)
Impurities,%	TU U 10.6-30476778-003: 2020 **	Not more than 0.30. In particular: mineral impurity not more than 0.05; harmful impurities are not allowed	Less than 0.02*	-	Corresponds

Conclusion: the tested samples do not meet the requirements of the ND in terms of: the content of metal-magnetic impurities.

Test results are related to the samples that passed examination only.

Note 1. * Limit of the test method definition.

Note 2. ** Tests were conducted outside the scope of Accreditation Certificate of TC. Test results cannot be used by the customer in resolving disputes

Responsible performer:

/signature/

L. M. Kostiuk

Stamp Testing center
SE "Cherkasystandartmetrolohiia"

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