

UKRAINE
PP INDEPENDENT CENTER OF LABORATORY STUDIES «ETALON»
Accredited by the National Accreditation Agency of Ukraine for compliance with DSTU ISO / IEC 17025:
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"APPROVED"
Director of the PP NLSLD
"Etalon" O.M. Kravtsov
"22" 10 2018

2H846
DSTU ISO / IEC 17025: 2006

PROTOCOL No. 567
Tests of product samples
From "22" 10 of 20

Customer, address, tel./fax BN-COM d.o.o.Cesta na Markovec 19d. 6000 Koper, Slovenia.

Production name: the walnut kernels
Date of production: Crop 2018
Production consignment size/Lot: 21008 kg.
Statement of selection: numberless of Oktober 17. 2018, according to GOST 16833-71
Producing company:
Period of the researches: 17.10.2018 - 22.10.2018.
The purpose of the tests is to test samples for compliance: GOST 16833-71 "Walnut kernels" Technical conditions MBT № 5061-89"Medical and biological requirements and sanitary standards of food raw materials and food" ГН 6.6.1.1-130-2006 "Permissible level of radionuclides Cs-137 and Sr-90 in products and drinking water"

RESULTS OF THE RESEARCHES:

№	Titles of the researches items and figures	Factual value	Allowable level	Documents and researching methods	Deviaton
1.	2.	3.	4.	5.	6.
Aflatoxins content, mg / kg					
1.	Aflatoxin B ₁	<0,001*	< 0,005	MV 4082-86 п. 2	-
2.	Aflatoxin B ₂	< 0,001*	unregulated		-
3.	AflatoxinG ₁	< 0.001*	unregulated		-
4.	AflatoxinG ₂	< 0.001*	unregulated		-
5.	Zearalenon	< 0,008*	<1,0	MV 5177-90 п. 3	-
Pesticides residual quantity content, mg / kg					
6.	Geptachlorine	< 0,001*	not allowable	DSTU EN 1528-2002	-
7.	Aldrin	< 0,001*	not allowable		-
Toxic elements content, mg / kg					
8.	Lead	0,08	< 0,5	GOST 30178-96,IBB 5.4/14	0,002**
9.	Cadmium	< 0,005*	< 0,1	GOST30178-96,IBB 5.4/14	-
10.	Zinc	37.3	< 100,0	GOST30178-96,IBB 5.4/14	0.22**
11.	Copper	6.9	< 15,0	GOST30178-96,IBB 5.4/14	0.10**
12.	Arsenic	< 0.04*	< 0,3	GOST 30178-96,IBB 5.4/14	-
13.	Mercury	< 0.002*	< 0,05	DSTU ISO 6637-2001,IBB 5.4/14	-
Radioactivity, Bq / kg					
14.	Cesium-137	< 3,55*	< 70	DSTU 6047 6047:2008	40%
15.	Strontium-90	< 3,72*	< 10	DSTU 6047 6047:2008	40%
Physico-chemical indicators					
16.	Mass fraction of moisture,%	6.9	< 7,0	GOST 18833-71. п.3,7	0.07**

* - lower limit of determination of the method

**-uncertainty is calculated according to PSC 5.4 / 01

Conclusion: the delivered sample meets the requirements of GOST 16833-71, MBT No. 5061-89, ГН 6.6.1.1-130-2006 according to certain indicators.

Surname of the person who conducted the test

S.V. Loskutov
N.D. Galgan

V.S. arovenko
I.M. Kostuk

The test report applies only to specimens subjected to testing.

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