

002259e/1/23 – Soybean oil

Mycotoxins

Name of the indicator and unit of measurement	Maximum allowed value according to regulatory documents	Test result	Reference of regulatory documents and test method	Error limit or measurement uncertainty**	Conformity mark
Aflatoxin B1, mg/kg	0.005	< 0.0003	MV No. 15-14/73	Not determined	Complies
Zearalenone F-2, mg/kg	1.0	< 0.02	MV No. 15-14/73	Not determined	Complies

Radionuclides

Name of the indicator and unit of measurement	Maximum allowed value according to regulatory documents	Test result	Reference of regulatory documents and test method	Error limit or measurement uncertainty**	Conformity mark
Content of radionuclides Cs-137, Bk/kg	Not exceeding 30	< 3.21	MV-Gamma 2004	Included in result	Complies
Content of radionuclides Sr-90, Bk/kg	Not exceeding 100	< 2.48	MV-Betta 2004	Included in result	Complies

Toxic Elements

Name of the indicator and unit of measurement	Maximum allowed value according to regulatory documents	Test result	Reference of regulatory documents and test method	Error limit or measurement uncertainty**	Conformity mark
Copper, mg/kg	Not exceeding 0.5	0.31	DSTU 7670:2014; GOST 30178-96	Not determined	Complies
Zink, mg/kg	Not exceeding 5.0	2.34	DSTU 7670:2014; GOST 30178-96	Not determined	Complies
Lead, mg/kg	Not exceeding 0.1	< 0.1	DSTU 7670:2014; GOST 30178-96	Not determined	Complies
Cadmium, mg/kg	Not exceeding 0.05	0.015	DSTU 7670:2014; GOST 30178-96	Not determined	Complies
Mercury, mg/kg	Not exceeding 0.03	< 0.02	MVV 7.2./175-2022	Not determined	Complies
Arsenic, mg/kg	Not exceeding 0.1	< 0.01	MVV 7.2./176-2022	Not determined	Complies
Iron, mg/kg	Not exceeding 5.0	1.92	DSTU 7670:2014; GOST 30178-96	Not determined	Complies

Physical and chemical parameters

Name of the indicator and unit of measurement	Maximum allowed value according to regulatory documents	Test result	Reference of regulatory documents and test method	Error limit or measurement uncertainty**	Conformity mark
Determination of mass fraction of moisture, %	Not exceeding 0.2-0.3	0.13	DSTU ISO 662:2004	Not determined	Complies

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Acid value of fats, mg, KOH/g	Not exceeding 1.5 - superior quality, 4.0 – 1 st class, 6.0 – 2 nd class	1.83	DSTU 4350:2004	Not determined	Complies
Peroxide index, 1/2 O mmol/kg	Not exceeding 10.0	2.5	DSTU 4570:2006	Not determined	Complies