



# Order

Dated "13" 01 2021

No. PK1-6

Unique number of entry on accreditation  
in the Register of Accredited Parties  
IA.RU.22111045

## ACCREDITATION FIELD

of the engineering and manufacturing laboratory  
of the Limited Liability Company "Food Ingredients"

353555, Russian Federation, Krasnodar Krai, Temnyuk district,  
sea port of Taman, Lit. B, RA.RU.22111045

Place of business address

Iny. No.	Documents establishing rules and methods of studies (testing), measurements, including documents establishing rules and methods of sample collection (sampling)	Name of the object	RCPEA2 code	HS code (EAEU)	Determined feature (indicator)	Determination range
1	2	3	4	5	6	7
1	GOST 32190	Vegetable oils, including processed oils		1507 1509 1511 1512 1513 1514	Sampling	
2	STB ISO 5555	Unprocessed and processed animal and vegetable fats and oils, liquid and solid ones		1507 1509 1511 1512 1513 1511 1511 1516	Sampling	



1	2	3	4	5	6	7
3	GOST R ISO 5555	Raw or processed animal and vegetable fats and oils of any origin in solid and liquid phases		1507 1509 1511 1512 1513 1511	Sampling	
4	STB ISO 661	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1511 1516	Samples preparation	
5	GOST 30623	Vegetable oils and products with a mixed composition of the fat phase		1507 1509 1511 1512 1513 1511 1517	Adulteration detection	
6	GOST 31753, cl.4	Vegetable oils		1507 1509 1511 1512 1513 1514	Mass fraction of phosphorus-containing substances	From 2,0 to 10,0 incl., More than 10,0 to 20,0 incl., More than 20,0 to 2300 incl. mg/kg
7	GOST R 50456	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1511 1516	Mass fraction of moisture and volatile substances	from 0,01%



1	2	3	4	5	6	7
8	GOST 11812	Vegetable oils		1507 1509 1511 1512 1513 1514	Mass fraction of moisture and volatile substances	from 0,01 %
9	GOST 31663	Vegetable oils and animal fats in the form of a mixture of fatty acid methyl esters		1507 1509 1511 1512 1513 1514	Mass fraction of methyl esters	(0,1-100)%
10	GOST 31754, cl.6	Vegetable oils and animal fats, products of their processing		1507 1509 1511 1512 1513 1514	Mass fraction of fatty acids trans-isomers	(0-10)%
11	GOST 31933, cl.7	Vegetable oils		1507 1509 1511 1512 1513 1514	Acidity index	Up to 0,2 incl., More than 0,2 to 0,4 incl., More than 0,4 to 1 incl., More than 1 to 6 incl., More than 6 to 30 incl. For unrefined cottonseed oil (indicator thymolphthalein) more than 1 to 30 incl.



1	2	3	4	5	6	7
12	GOST 31933, cl.10	Vegetable oils		1507 1509 1511 1512 1513 1514	Acidity index	More than 0,05 to 1 incl., More than 1 to 6 incl., More than 6 to 30 incl., mg KOH/g
13	GOST 31933, cl.11.2	Vegetable oils		1507 1509 1511 1512 1513 1514	Acidity	
14	GOST 30418	Vegetable oils		1507 1509 1511 1512 1513 1514	Fatty acid composition	(0,1-100)%
15	GOST 26593	All types of vegetable oils of various degrees of purification		1507 1509 1511 1512 1513 1514	Peroxide value	(0,1-40) mmol/kg 1/2 O
16	GOST R 51487	Vegetable oils and animal fats		1507 1509 1511 1512 1513 1511 1516	Peroxide value	(0,1-45) mmol 1/2 O/kg
17	GOST 31757, cl.9.1	Vegetable oils and animal fats, products of their processing		1507 1509 1511 1511 1513 1514 1516	Solid fat content	from 1,5 to 95,0 %



1	2	3	4	5	6	7
18	GOST R 51481	Refined animal and vegetable fats and oils		1507 1509 1511 1512 1513 1511 1516	Oxidation stability	(4-30) hours
19	GOST 31756	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1511 1516	Anisidine index	(0,1-20) c.u.
20	GOST ISO 6463	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1511 1516	Determination of butylhydroxyanisole (tert-butyl-4-methoxyphenol) (BHA) and butylhydroxytoluene (2,6-di-tert-butyl-4-methylphenol) (BHT) and tert-butylhydroquinone (TBHQ)	(0-15000), mg/kg (ml. 1)
21	GOST 5475 cl.4	Vegetable oils		1507 1509 1511 1512 1513 1514	Iodine index	(5-200) rL/100 g



1	2	3	4	5	6	7
22	GOST ISO 3961	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1516	Iodine index	(5-200) rJ <sub>2</sub> /100 g
23	GOST 5480 cl.1	Vegetable oils, natural fatty acids		1507 1509 1511 1512 1513 1514	Soap factor	
24	GOST 5480 cl.2	Vegetable oils, natural fatty acids		1507 1509 1511 1512 1513 1514	Soap factor	0.02-100, %
25	GOST 26928	Vegetable fats and oils, margarines		1507 1509 1511 1512 1513 1514 1516 1517	Mass fraction of iron	from 10, mil.1 (mg/kg)
26	GOST 32189, cl.5.1	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Sampling	
27	GOST 32189, cl.5.2.1	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Color	
28	GOST 32189, cl.5.2.2	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Odor, taste	



1	2	3	4	5	6	7
29	GOST 32189, cl.5.2.3	Margarines, fats for cooking, confectionery, bakery and dairy industries	—	1516 1517	Consistency index	
30	GOST 32189, cl.5.3	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Transparency	
31	GOST 32189, cl.5.6	Margarines, fats for cooking, confectionery, bakery and dairy industries	—	1516 1517	Mass fraction of moisture and volatile substances	from 0,01%
32	GOST 32189, cl.5.10	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Acidity	(0,5-3,0) °K
33	GOST 32189, cl.5.13	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Mass fraction of fat	(40-85)%
34	GOST 32189, cl.5.15	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Melting temperature	20-50, °C
35	GOST 32189, cl.5.20	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Mass fraction of sodium chloride	(0-1,5)%
36	GOST 32189, cl.5.27	Margarines, fats for cooking, confectionery, bakery and dairy industries		1516 1517	Mass fraction of solid triglycerides	(1,5-95,0)%



1	2	3	4	5	6	7
37	GOST 33441	Vegetable oils		1507 1509 1511 1512 1513 1514	Mass fraction of phosphorus-containing substances  Mass fraction of fatty acids trans-isomers  Acidity index  Peroxide value  Anisidine index	Up to 10,0 incl., more than 10,0 to 20 incl, up to 20,0 mg/kg  Up to 2,5 incl., %  Up to 1,0 incl., more than 1,0 to 6,0 incl., more than 6,0 incl., mg KOH/g  Up to 10,0 incl., more than 10,0, meq. of active oxygen / kg  Up to 3,0 incl., more than 3,0, c.u.
38	GOST 5481, cl.5	Vegetable oils		1507 1509 1511 1512 1513 1514	Mass fraction of non-fatty impurities	from 0,04%
39	GOST 31665 cl.6	Vegetable oils and animal fats		1507 1509 1511 1512 1513 1511 1516	Obtaining methyl esters of fatty acids	
40	GOST 26929 cl.5	Food raw materials and products		1507 1509 1511 1512 1513 1514	Low-pH extraction / incomplete mineralization	





1	2	3	4	5	6	7
41	GOST ISO 6883	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1514 1516	Conditional mass per volume	from 700 to 1840 kg/m <sup>3</sup>
42	GOST 5477 cl.6	Vegetable oils		1507 1509 1511 1512 1513 1514	Color value	Red: 0,1-70,0; Yellow: 0,1-70,0; Blue: 0,1-40,0; Neutral: 0,1 -3,0, с.п.
43	GOST R ISO 18363-3	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1514 1516	Compound ethers 3-MCPD (combined 3-MCPD), Compound ethers 2-MCPD (combined 2-MCPD), Compound ethers glycidyl ethers (combined glycidol)	Level of quantification (LOQ) 0,1 mg/kg; Limit of detection (LOD) 0,03 mg/kg.
44	GOST ISO 3960	Animal and vegetable fats and oils		1507 1509 1511 1512 1513 1514 1516	Peroxide value	from 0 meq. to 30 meq. (milliequivalents) of active per oxygen kg



