



**VOLUNTARY CERTIFICATION SYSTEM
"NATIONAL QUALITY CENTER"
Registered in the Unified Register
of Voluntary Certification Systems of the Federal
Agency for Technical Regulation and
Metrology of the Russian Federation (Rosstandart RF)**

**TEST LABORATORY
OF THE LIMITED LIABILITY COMPANY "ALLIANCE-CONSULT"
(LLC "ALLIANCE-CONSULT")
room 15, premise V, 60 Dmitrovskoe highway, Moscow 127474 tel. +7 (499) 39-408-39
CERTIFICATE No. POCC RU.31112.ИЛ.00016 is valid until 19.06.2020**

TEST PROTOCOL No. ПФТ01/112017-706 of 07.12.2017

Place of testing:	Test laboratory LLC "ALLIANCE-CONSULT"
Applicant:	Limited Liability Company "Aral", 4/5 Chernavskikh street, Bobrovsky village, Sysert district, Sverdlovsk region, Russian Federation 624019
Name of product:	Cranberry extract labeled "Aral"
Manufacturer:	Limited Liability Company "Aral", 4/5 Chernavskikh street, Bobrovsky village, Sysert district, Sverdlovsk region, Russian Federation 624019
Technical regulations:	TR TS 021/2011 "On Food Safety", TR TS 022/2011 "Food Products in Terms of Labeling"
Tested according to the requirements:	TR TS 021/2011 "On Food Safety", TR TS 022/2011 "Food Products in Terms of Labeling"
Date of sample receipt:	23.11.2017

TEST RESULTS

Name of indicator	Unit of measurement	Test assessment reference	Actual value of indicator	Reference indicator value
1	2	3	4	5
Toxic elements				
Lead	mg/kg	GOST 30178-96	Non-detected	Not more than 0.4
Arsenic	mg/kg	GOST 26930-86	Non-detected	Not more than 0.2
Cadmium	mg/kg	GOST 30178-96	0.002	Not more than 0,03
Mercury	mg/kg	GOST 26927-86	Non-detected	Not more than 0,02
Pesticides				
HCCH (α , β , γ - isomers)	mg/kg	MR 2142-80	Non-detected	Not more than 0,05
DDT and its metabolites	mg/kg	MR 2142-80	Non-detected	Not more than 0,1
Radionuclides				
Cesium-137	Bq/kg	GOST 32161-2013	8	Not more than 800
Physical and chemical indicators				
Mass fraction:				
	%	GOST 32000-2012	98,9±1,0	-
- main component (cranberry)				
- dry basis	%	GOST 28561-90	54,0±2,0	-
- reducing sugars	%	GOST 12575-2001	8,6±0,3	-
- titrated acids (expressed as apple acid)	%	GOST 25555.0-82	21,44±0,05	-
- pectic substances	%	GOST 29059-91	1,8±0,04	-
Polyphenolic substances	mg/dm ³	GOST 55488-2013	12097,0±4,0	-
Rutin	mg/dm ³	GOST P 55312-2012	200,0±0,3	-
Leucoanthocyanins	mg/dm ³	GOST P 53773-2010	8623,68±0,04	-
Anthocyanogens	mg/dm ³	GOST P 53773-2010	291,94±0,04	-
Ascorbic acid	mg/100g	GOST 24556-89	37,0±0,01	-
Benzoic acid	mg/100g	GOST 28467-90	0,6±0,05	-
Density	g/cm ³	GOST 32081-2013	1.2611	-
Viscosity	mPa*s	GOST 33768-2015	3.25	-
Hydrogen exponent	Unit. pH	GOST 32169-2013	7.0	-

CONCLUSION:

The tested samples comply with TR TS 021/2011 "On Food Safety", TR TS 022/2011 "Food Products in Terms of Labeling"

Test operator

S.V. Vavilin

Manager

A.S. Gusarov



This test report applies only to samples that have been tested