

IP Darmokrik M.V.

« Siberian Healer»

656045, city Barnaul, Zmeinogorky Trakt 104m/2

INN 222391726086 PSRN 318222500000157

CERTIFICATE OF ANALYSES (COA)

4-11

Name of Product: «Dietary Supplement Shilajit (Mumijo) «Siberian Healer»

Net Weight: Thick resin in plastic or glass jars; vacuum-sealed bags

Qty: 900 kg; **Batch No:** 07.00050

Manufacture Date: 01th November 2022 / **Expiration Date:** 01th May 2026

Normative Documents: Technical conditions 377-029-14729213-05; Technical Regulations of the Customs Union « On the safety of Food Products» TR CU 021/2011

TECHNICAL SPECIFICATION

Name of Indicators, Ingredients	Results	Permissible Levels	Test Method
Heavy metals; Microbial attributes; Authenticity			
Lead mg/kg	0.29	not more 6	GOST 26929-94
Cadmium mg/kg	0.02	not more 1	GOST 26929-94
Arsenic mg/kg	0.6	not more 12	GOST 31628-2012
Mercury mg/kg	0.046	not more 1	GOST 34427-2018
Heptachlor mg/kg	Not detected	not more 0.01	MU 2142-80
Aldrin mg/kg	Not detected	not more 0.01	MU 2142-80
Pathogenic flora, including salmonella, in 10,0 gm.	Not detected in 10 gm	Not allowed in 10 gm	GOST 31659-2012
Quantity of Mesophilic Aerobic and Facultative Anaerobic Microorganisms, CFU/gm not more than	Less 1×10^2	not more 1×10^4	GOST 10444.15-94
Pathogenic Bacteria (coliform) in 0,1 gm.	Not detected in 0.1 gm	Not allowed	GOST 31747-2012
Staphylococcus Aureus in 1 gm	Not detected in 0.1 gm	Not allowed	GOST 31747-2012
B.cereus, CFU/gm not more than	Not detected in 200 gm	not more 2×10^2	GOST 10444.8-2013
Yeast and mold CFU/gm not more than	Less 10	not more 10	GOST 10444.8-2013
Test for authenticity	Authentic	Authentic	
Taste	Conforms	Viscous mass with smooth shiny surface,	
Colour	Conforms	Bitter – tart; Typical resinous	

Metal report and Chemical elements

Name	Results	Test Method	Name	Results	Test Method
Beryllium mg/kg	Less 0.05	PND F 16.1:2.3:3.11-98	Silver mg/kg	0.20	PND F 16.1:2.3:3.11-98
Vanadium mg/kg	2.5	PND F 16.1:2.3:3.11-98	Thallium mg/kg	Less 0.1	PND F 16.1:2.3:3.11-98
Tungsten mg/kg	14.0	PND F 16.1:2.3:3.11-98	Tellurium mg/kg	Less 0.1	PND F 16.1:2.3:3.11-98
Lanthanum mg/kg	0.85	PND F 16.1:2.3:3.11-98	Titanium mg/kg	Less 5.0	PND F 16.1:2.3:3.11-98
Tin mg/kg	Less 0.1	PND F 16.1:2.3:3.11-98	Aluminum mg/kg	108	PND F 16.1:2.3:3.11-98
Barium mg/kg	9.6	PND F 16.1:2.3:3.11-98	Magnesium mg/kg	1007	PND F 16.1:2.3:3.11-98
Boron mg/kg	21	PND F 16.1:2.3:3.11-98	Manganese mg/kg	80	PND F 16.1:2.3:3.11-98
Bismuth mg/kg	0.5	PND F 16.1:2.3:3.11-98	Copper mg/kg	9.5	PND F 16.1:2.3:3.11-98
Iron mg/kg	306	PND F 16.1:2.3:3.11-98	Molybdenum mg/kg	1.9	PND F 16.1:2.3:3.11-98
Potassium mg/kg	38250	PND F 16.1:2.3:3.11-98	Sodium mg/kg	2340	PND F 16.1:2.3:3.11-98
Calcium mg/kg	35150	PND F 16.1:2.3:3.11-98	Nickel mg/kg	87	PND F 16.1:2.3:3.11-98
Cobalt mg/kg	0.8	PND F 16.1:2.3:3.11-98	Selenium mg/kg	1.8	PND F 16.1:2.3:3.11-98
Lithium mg/kg	2.82	PND F 16.1:2.3:3.11-98	Antimony mg/kg	Less 0.1	PND F 16.1:2.3:3.11-98
Chorm mg/kg	Less 0.1	PND F 16.1:2.3:3.11-98	Phosphorus mg/kg	200	PND F 16.1:2.3:3.11-98
Zinc mg/kg	24.7	PND F 16.1:2.3:3.11-98			

Vitamin Report and Quality indicators

Name	Results	Test Method	Name	Results	Test Method
Vitamin B1 g/kg	Less 0.5	M-04-72-2011	Vitamin B6 g/kg	Less 1	M-04-72-2011
Vitamin B2 g/kg	Less 0.5	M-04-72-2011	Vitamin BC g/kg	4.9	M-04-72-2011
Vitamin B3 g/kg	2.0	M-04-72-2011	Vitamin A mg/kg	Less 0.6	M-02-1006-08
Vitamin B5 g/kg	18.2	M-04-72-2011	Vitamin D3 mg/kg	Less 0.15	M-02-1006-08
Vitamin B12 g/kg	0.9	M-02-1006-08	Vitamin E mg/kg	18.0	M-02-1006-08
Alanine mg/100gm	140.34	MVI.MN 1363-2000	Lysine mg/100gm	90.25	MVI.MN 1363-2000
Arginine mg/100gm	14.25	MVI.MN 1363-2000	Proline mg/100gm	140.57	MVI.MN 1363-2000
Aspartic acid mg/100gm	8.20	MVI.MN 1363-2000	Serine mg/100gm	830.48	MVI.MN 1363-2000
Valine mg/100gm	330.54	MVI.MN 1363-2000	Tyrosine mg/100gm	450.91	MVI.MN 1363-2000
Histidine mg/100gm	140.25	MVI.MN 1363-2000	Threonine mg/100gm	83.22	MVI.MN 1363-2000
Glycine mg/100gm	2050.55	MVI.MN 1363-2000	Tryptophan mg/100gm	14.27	MVI.MN 1363-2000
Glutamic acid mg/100gm	145.85	MVI.MN 1363-2000	Phenylalanine mg/100gm	210.78	MVI.MN 1363-2000
Isoleucine mg/100gm	140.80	MVI.MN 1363-2000	Cystine mg/100gm	1815.44	MVI.MN 1363-2000
Leucine mg/100gm	450.55	MVI.MN 1363-2000	Moisture %	12.0	GOST 24027-80
Fulvic Acid %	72	R 4.1.1672-03 P3	Humic acid %	7.2	R 4.1.1672-03 P3

Nutritional Report

Name	Results	Test Method
Protein (g / 100g)	32.0	CF003.1 - Determination of Crude Protein by Combustion
Fat (g / 100g)	6.4	CF004.2 - Determination of Crude Fats and Oils by Acid Hydrolysis
Saturated Fat (g / 100g)	6.4	CFH068 - Determination of Fatty Acid Composition in Foods
Mono-unsat Fat (g / 100g)	Less 0.1	CFH068 - Determination of Fatty Acid Composition in Foods
Poly-unsat Fat (g / 100g)	Less 0.1	CFH068 - Determination of Fatty Acid Composition in Foods
Trans Fat (g / 100g)	Less 0.01	CFH068 - Determination of Fatty Acid Composition in Foods
Total sugar (g / 100g)	Less 0.1	CFH001.1 - Determination of Sugar Profile by HPLC
Total Carbohydrate (g / 100g)	15.9	CF029.2 - Total Carbohydrate (inc. Dietary Fibre)
Dietary Fiber (g / 100g)	0.1	CF029.2 - Total Carbohydrate (inc. Dietary Fibre)
Energy (kj 100 g)	1051	CF030.2 - Energy of Foods (inc. Dietary Fibre)
Cholesterol (g / 100g)	Less 0.01	CFH064 - Determination of Cholesterol in Foods

Radionuclides

Name	Results	Test Method
Strontium specific activity Bk/kg	Less 3	GOST 32163-2013

Dietary Supplement Shilajit (Mumijo) «Siberian Healer» batch No 07.00050, conforms with requirements of technical conditions 377-029-14729213-05 and requirements of Technical Regulations of the Customs Union « On the safety of Food Products» TR CU 021/2011

Laboratory name: Federal State Budgetary Institution «Altai central scientific and methodological veterinary laboratory»

Laboratory address: 656043; Russia; Barnaul; Polzunova 36A

Laboratory accreditation certificate ISO/IEC 17025: POCC RU.0001.21ПЦ40

Production and control engineer

Signature



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