



**Certificate of Quality and Safety**  
**(15th of February 2022)**  
**Technical Standards 9377-029-14729213-05**

**Name of the Product:** Mountaindrop Shilajit - LOT: 07.00060 / 050922

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

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

**TECHNICAL SPECIFICATION**

Name of Indicators, Ingredients	Results	Permissible Levels	Test Method		
<b>Heavy metals; Microbial attributes; Authenticity</b>					
Lead mg/kg	0.11	< 3.0	GOST 26929-94		
Cadmium mg/kg	0.06	< 1.0	GOST 26929-94		
Arsenic mg/kg	0.45	< 12.0	GOST 31628-2012		
Mercury mg/kg	0.062	< 0,1	GOST 34427-2018		
Heptachlor mg/kg	Not detected	Not allowed	MU 2142-80		
Aldrin mg/kg	Not detected	Not allowed	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 than 1x10 <sup>2</sup>	not more 1x10 <sup>4</sup>	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 2x10 <sup>2</sup>	GOST 10444.8-2013		
Yeast and mold CFU/gm not more than	less than 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			
<b>Metal report and Chemical elements</b>					
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	0.16	PND F 16.1:2.3:3.11-98
Vanadium mg/kg	0.39	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	Less 0.1	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	0.15	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	199	PND F 16.1:2.3:3.11-98
Barium mg/kg	5.06	PND F 16.1:2.3:3.11-98	Magnesium mg/kg	1855	PND F 16.1:2.3:3.11-98
Boron mg/kg	44	PND F 16.1:2.3:3.11-98	Manganese mg/kg	34	PND F 16.1:2.3:3.11-98
Bismuth mg/kg	Less 0.1	PND F 16.1:2.3:3.11-98	Copper mg/kg	5.89	PND F 16.1:2.3:3.11-98



Iron mg/kg	178	PND F 16.1:2.3:3.11-98	Molybdenum mg/kg	1.17	PND F 16.1:2.3:3.11-98
Potassium mg/kg	41840	PND F 16.1:2.3:3.11-98	Sodium mg/kg	1355	PND F 16.1:2.3:3.11-98
Calcium mg/kg	24130	PND F 16.1:2.3:3.11-98	Nickel mg/kg	1.03	PND F 16.1:2.3:3.11-98
Cobalt mg/kg	0.63	PND F 16.1:2.3:3.11-98	Selenium mg/kg	1.11	PND F 16.1:2.3:3.11-98
Lithium mg/kg	3.21	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	787	PND F 16.1:2.3:3.11-98
Zinc mg/kg	10.80	PND F 16.1:2.3:3.11-98			

#### Vitamin Report and Quality indicators

Name	Results	Test Method	Name	Results	Test Method
Vitamin B12 g/kg	1.2	M-04-72-2011	Vitamin C mg/kg	15.5	M-02-1006-08
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	1.5	M-04-72-2011
Vitamin B3 g/kg	5.0	M-04-72-2011	Vitamin A mg/kg	0.52	M-02-1006-08
Vitamin B5 g/kg	11.7	M-04-72-2011	Vitamin D3 mg/kg	Less 0.15	M-02-1006-08
Vitamin E mg/kg	13.7	M-02-1006-08	Lysine mg/100gm	76.58	MVI.MN 1363-2000
Alanine mg/100gm	775.16	MVI.MN 1363-2000	Methionine mg/100gm	51.39	MVI.MN 1363-2000
Arginine mg/100gm	249.36	MVI.MN 1363-2000	Proline mg/100gm	549.23	MVI.MN 1363-2000
Aspartic acid mg/100gm	22.96	MVI.MN 1363-2000	Serine mg/100gm	219.05	MVI.MN 1363-2000
Valine mg/100gm	211.19	MVI.MN 1363-2000	Tyrosine mg/100gm	752.70	MVI.MN 1363-2000
Histidine mg/100gm	110.17	MVI.MN 1363-2000	Threonine mg/100gm	93.00	MVI.MN 1363-2000
Glycine mg/100gm	279.18	MVI.MN 1363-2000	Tryptophan mg/100gm	93.04	MVI.MN 1363-2000
Glutamic acid mg/100gm	63.44	MVI.MN 1363-2000	Phenylanine mg/100gm	24.26	MVI.MN 1363-2000
Isoleucine mg/100gm	31.26	MVI.MN 1363-2000	Cystine mg/100gm	309.85	MVI.MN 1363-2000
Leucine mg/100gm	100.25	MVI.MN 1363-2000	Moisture %	11.3	GOST 24027-80
Fulvic Acid %	77	R 4.1.1672-03 P3	Humic acid %	6.9	R 4.1.1672-03 P3

#### Radionuclides

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

**Dietary Supplement Mountaindrop® Shilajit batch No 07.00060, 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**

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BTI KI TRENING d.o.o.