



BANNED SUBSTANCES CONTROL GROUP

CERTIFIED DRUG FREE[®]
CERTIFIED QUALITY[™]
CERTIFIED GMP[™]

11301 W. Olympic Blvd
 Suite 685
 Los Angeles, CA 90064
 (800) 920-6605
 www.bscg.org

BSCG Certified Quality[™] Batch Certification

REPORTING ADDRESS:

Golden Shilajit
 P.O. Box 3146
 Rhodes, NSW 2138
 Australia

REPORT DATE:

December 21, 2020

RECEIVE DATE:

December 4, 2020

BRAND NAME:

Golden Shilajit

PRODUCT NAME:

Golden Shilajit

BATCH #:

September 2020

LAB ID #:

322734

PRODUCT TYPE:

Finished Good

SERVING SIZE:

1 gram

LABEL VERIFICATION

NUTRITIONAL MARKER	RESULT*	CLAIM****	UNITS	METHOD	PASS/FAIL**
Fulvic Acid	10.42	5-55	%	Gravimetric ***	Pass
Humic Acid	15.84	1-15	%	Gravimetric ***	Pass

* - Result represents the amount of the nutritional marker with normal analytical variance range considered (+- 5%).

** - To pass, the result for the marker must meet or exceed 100%, but should not be greater than 150%, of the label claim (with normal analytical variance considered).

*** - Lamar, Richard & C Olk, Daniel & Mayhew, Lawrence & R Bloom, Paul. (2014). A New Standardized Method for Quantification of Humic and Fulvic Acids in Humic Ores and Commercial Products. Journal of AOAC International. 97. 10.5740/jaoacint.13-393.

**** - No product label claims are made for fulvic or humic acid, claims noted above are based on finished product specification sheets that allow for a natural range of fulvic and humic acid in the product.

CONTAMINANTS - PESTICIDES

METHOD:

Quantitative Analysis of Pesticides using FDA Modified QuEChERS Sample Preparation and Gas Chromatography-Tandem Mass Spectrometry (GC-QQQ) for USP<561> pesticides (less bromide ion and diethocarbamates expressed as CS2)

RESULTS (Pass/Fail based on Limit):

Compound	Limit (PPM)	Result
Acephate	0.1	Pass
Alachlor	0.05	Pass
Aldrin and dieldrin	0.05	Pass
Azinphos-ethyl	0.1	Pass
Azinphos-methyl	1	Pass
Bromine, inorganic	50	Pass
Bromophos-ethyl	0.05	Pass
Bromophos-methyl	0.05	Pass
Bromopropylate	3	Pass
Chlordane	0.05	Pass
Chlorfenvinfos	0.5	Pass
Chlorpyrifos-ethyl	0.2	Pass
Chlorpyrifos-methyl	0.1	Pass
Chlorthal-dimethyl	0.01	Pass
Cyfluthrin (sum of)	0.1	Pass
gamma-Cyhalothrin	1	Pass
Cypermethrin	1	Pass
DDT (sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-DDD, and p,p'-DDD)	1	Pass
Deltamethrin	0.5	Pass
Diazinon	0.5	Pass
Dichlofluanid	0.1	Pass
Dichlorvos	1	Pass
Dicofol	0.5	Pass
Dimethoate and omethoate	0.1	Pass
Dithiocarbamate (as CS2)	2	Pass
Endosulfan (includes endosulfan I, II, sulfate)	3	Pass
Endrin	0.05	Pass
Ethion	2	Pass
Etrimphos	0.05	Pass
Fenchlorphos (sum of fenchlorphos and fenchlorphos-oxon)	0.1	Pass
Fenitrothion	0.1	Pass
Fenpropathrin	0.03	Pass
Fensulfothion	0.05	Pass
Fenthion	0.05	Pass
Fenvalerate	1.5	Pass
Flucytrinate	0.05	Pass

Compound	Limit (PPM)	Result
t-Fluvalinate	0.05	Pass
Fonofos	0.05	Pass
Heptachlor	0.05	Pass
Heptachlor Epoxide	0.05	Pass
Hexachlorobenzene	0.1	Pass
Hexachlorocyclohexane	0.3	Pass
Lindane	0.6	Pass
Malathion and malaoxon	1	Pass
Mecarban	0.05	Pass
Methacriphos	0.05	Pass
Methamidophos	0.05	Pass
Methidathion	0.2	Pass
Methoxychlor	0.05	Pass
Mirex	0.01	Pass
Monocrotophos	0.1	Pass
Parathion-ethyl and Paraoxon-ethyl	0.5	Pass
Parathion-methyl and Paraoxon-methyl	0.2	Pass
Pendimethalin	0.1	Pass
Pentachloranisol	0.01	Pass
Permethrin and isomers	1	Pass
Phosalone	0.1	Pass
Phosmet	0.05	Pass
Piperonyl butoxide	3	Pass
Pirimiphos-ethyl	0.05	Pass
Pirimiphos-methyl	4	Pass
Procymidone	0.1	Pass
Profenophos	0.1	Pass
Prothiophos	0.05	Pass
Pyrethrins	3	Pass
Quinalphos	0.05	Pass
Quintozene (PCNB) (includes alpha-BHC, beta-BHC, delta-BHC)	1	Pass
S-421	0.02	Pass
Tecnazene	0.05	Pass
Tetradifon	0.3	Pass
Vinclozolin	0.4	Pass



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CONTAMINANTS - HEAVY METALS

METHOD:

Quantitative Analysis of Heavy Metals by Inductively Coupled Plasma Mass Spectrometry (ICP-MS) for Arsenic, Cadmium, Lead, Mercury

RESULTS (µg/day):

ACCEPTABLE LEVELS: (µg/day)

METAL	RESULT	ICH Q3D	USP	Health Canada	ANSI 173	AHPA
Arsenic	4.468	15	15	10	10	10
Cadmium	0.023	5	5	6	4.1	4.1
Mercury	0.013	30	15 (2 as Hg)	20	2	2
Lead	0.214	5	5	10	10	6
	PASS/FAIL	PASS	PASS	PASS	PASS	PASS

ICH Q3D - Guideline for Elemental Impurities - September 2015

USP 40-NF 35 <2232> - Elemental Contaminants in Dietary Supplements - May 1, 2017

Quality of Natural Health Products Guide - Natural and Non-prescription Health Products Directorate - Health Canada - May 1, 2015

ANSI 173 - 2013

AHPA Guidance Policies - Rev. 07/03/17

CONTAMINANTS - MICROBIOLOGICAL AGENTS

METHOD:

USP 40-NF 35 <2021>

USP 40-NF 35 <2022>

AOAC <991.14>

RESULTS (cfu/g, ND, or Absent/Present):

LIMITS - Finished Products/Ingredients, No Botanicals

TEST	RESULT	USP	ANSI 173	AHPA
Total Plate Count	35 cfu/g	1 x 10 ³	1 x 10 ⁴	N/A
Yeast and Mold	<10 cfu/g	1 x 10 ²	1 x 10 ³	N/A
Total Coliforms	<10 cfu/g	N/A	1 x 10 ^{2 a}	N/A
E. Coli	ND	Absent	ND	N/A
Salmonella species	ND	Absent	ND	N/A
Staphylococcus aureus	ND	N/A	ND	N/A
Pseudomonas aeruginosa	ND	N/A	N/A	N/A
	PASS/FAIL	PASS	PASS	N/A

USP 40-NF 35 <2023> - Microbiological Attributes of Nonsterile Nutritional and Dietary Supplements - May 1, 2017

ANSI 173 - 2013 (a - ANSI 173 limits reference enterbacteriaceae as oppsoed to total coliforms)

AHPA Guidance Policies - Rev. 07/03/17

CONTAMINANTS - SOLVENTS

METHOD:

Quantitative Analysis of Solvent Residues by High Resolution Gas Chromatography-HS-Mass Spectrometry (HRGC-HS-MS) by modified USP<467> for Class 1 Solvents

RESULTS (Pass/Fail based on Limit):

SOLVENT	PASS/FAIL	LIMIT (PPM)
Benzene	PASS	2
Carbon Tetrachloride	PASS	4
1,2-Dichloroethane	PASS	5
1,1-Dichloroethene	PASS	8
1,1,1-Trichloroethane	PASS	1500

ICH Q3C (R5) Impurities: Guideline for Residual Solvents - September 2015

USP 40-NF 35 <467> - Residual Solvents - May 1, 2017

AHPA Guidance Policies - Rev. 07/03/17

Notes:

ND - Not Detected

N/A - Not Applicable

This product batch is certified according to the requirements of the BSCG Certified Quality™ program. Please contact info@bscg.org with any concerns or questions.

Sincerely,

Oliver Catlin
 President