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BSCG ANALYTICAL REPORT CERTIFIED CBD

REPORTING ADDRESS:

Pure Sports Oil Limited 308 Albert Drive Glasgow, G415RS United Kingdom

REPORT DATE: May 21, 2020 RECEIVE DATE: April 13, 2020 BRAND NAME: Pure Sport Oil Limited PRODUCT NAME: 1500mg CBD Capsule BATCH #: 096 LAB ID #: 20D0195 /2004020 /294997 PRODUCT TYPE: Finished Product

CANNABINOID PROFILE TESTING

METHOD: Quantitative Analysis of Cannabinoids by High Performance Liquid Chromatography with UltraViolet Detector (HPLC-UV) in Accordance with ISO/IEC 17025:2017 Validated Standard Operating Procedure.

Density of Product (1.0 g/ml - water, 0.925 g/ml - oil, 0.945 g/ml - MCT oil) 0.3258 Serving Size on Package (1 - 875mg capsule) 1 Package Size (52.5 g) 52.5 Maximum Servings Per Day (2 - 875mg capsules) 2

Table with 7 columns: Analyte, mg/kg, RL, mg/g, mg/capsule, mg/package, %, Pass/Fail. Rows include Cannabidiol (CBD), Cannabidiolic Acid (CBDA), Cannabigerol (CBG), Cannabinol (CBN), Delta 9-Tetrahydrocannabinol (D9-THC), Delta 8-Tetrahydrocannabinol (D8-THC), Cannabichromene (CBC), Tetrahydrocannabinolic acid (THCA), Total Cannabinoids, Max THC, Max CBD, and Other Cannabinoids.

Notes: RL - Reporting Limit \* Zero indicates the analyte was not detected subject to the RL Max THC and Max CBD are calculated values based on the weight loss of the acid group assuming complete decarboxylation of the acid to the neutral form The sample is watery in composition and clear of color and odor. Max CBD should be within 95-150% of claim for product. Max THC must be <0.30% to Pass. For products made in the UK Max THC must be less than 1 mg/package. Products with THC free claims may not have any measurable amount of Max THC present.

CONTAMINANTS - SOLVENTS

METHOD: Residual Solvents by Head Space Gas Chromatography Flame Ionization Detection Mass Spectrometry (HS GC FID/MS) in Accordance with ISO/IEC 17025:2017 Validated Standard Operating Procedure.

RESULTS:

Table with 6 columns: Solvent, Category, Result, RL (ppm), Action Level (ppm), Pass/Fail. Rows list various solvents like 1,2-Dichloroethane, Benzene, Chloroform, Ethylene oxide, Methylene chloride, Trichloroethene, Acetone, Acetonitrile, Butane, Diethyl ether, Ethanol, Ethyl acetate, Heptane, Hexane, Isopropanol, Methanol, Pentane, Propane, Toluene, and Total xylenes.

Notes: ND - Not Detected RL - Reporting Limit California Bureau of Cannabis Control Emergency Regulation Text Solvent List and Action Level Used Pass/Fail based on Action Level



## BANNED SUBSTANCES CONTROL GROUP

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### CONTAMINANTS - PESTICIDES

**METHOD:**

USP 40 <561>, sample meets European Pharmacopeial Pesticides Residual limits for all compounds.  
 No Quintozene residues detected.

**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
Chlorfenvinphos	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 CS <sub>2</sub> )	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
Pencimethalin	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

### CONTAMINANTS - MICROBIOLOGICAL AGENTS

**METHOD:**

USP <2021> , USP <2022>

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

**LIMITS - Finished Products/Ingredients, Botanical Extract**

Test	Result	USP	ANSI 173	AHPA	CBCC
Total Plate Count	<10	1 x 10 <sup>4</sup>	1 x 10 <sup>4</sup>	1 x 10 <sup>4</sup>	N/A
Yeast and Mold	<10	1 x 10 <sup>3</sup>	1 x 10 <sup>3</sup>	1 x 10 <sup>3</sup>	N/A
Total Coliforms	<10	N/A	1 x 10 <sup>2 a</sup>	1 x 10 <sup>2</sup>	N/A
E. Coli	ND	Absent	ND	ND	ND
Salmonella species	ND	Absent	ND	ND	ND
Staphylococcus aureus	ND	N/A	ND	N/A	N/A
Pseudomonas aeruginosa	ND	N/A	N/A	N/A	N/A
<b>Pass/Fail</b>		Pass	Pass	Pass	Pass

**Notes:**

ND - Not Detected

N/A - Not Applicable

California Bureau of Cannabis Control

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 opposed to total coliforms)

AHPA Guidance Policies - Rev. 07/03/17



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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, Chromium

**RESULTS (µg/day):**

METAL	RESULT	ACCEPTABLE LEVELS: (µg/day)				
		ICH Q3D	USP	Health Canada	ANSI 173	AHPA
Arsenic	0.060	15	15	10	10	10
Cadmium	0.020	5	5	6	4.1	4.1
Mercury	0.034	30	15 (2 as Hg)	20	2	2
Lead	0.018	5	5	10	10	6
Chromium	3.026	11000	N/A	N/A	20 <sup>a</sup>	N/A
	<b>Pass/Fail</b>	Pass	Pass	Pass	Pass	Pass

**Notes:**  
*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 ( <sup>a</sup> - ANSI 173 limits reference chromium (VI) as opposed to total chromium)*  
*AHPA Guidance Policies - Rev. 07/03/17*

### BANNED SUBSTANCE TESTING

**METHOD:** Samples of the item were extracted and analyzed according to in-house methods for nutritional supplements by qualitative instrumental screen using ultra-high-performance liquid chromatography / high-resolution mass spectrometry (UHPLC/HRMS). Method detection levels, which vary based on compound and matrix analyzed, are estimated to be in the 2-500 ng/g range for most compounds in most items.

**TESTING MENU:** The testing menu covers 496 compounds including WADA Prohibited Substances and other prescription, over-the-counter, and illicit drugs not banned in sport. Naturally present cannabinoids are expected in hemp derived products and are not included in the scope of testing. Details are available at <https://www.bscg.org/certified-drug-free-testing-menu-wada-prohibited-list-and-more/>.

**RESULTS:** No compounds from the testing menu were detected in the item other than the naturally present cannabinoids identified above.

Please contact [info@bscg.org](mailto:info@bscg.org) with any concerns or questions.

Sincerely,

Oliver Catlin  
President

*Disclaimer: Cannabinoids are prohibited substances in sport with the exception of Cannabidiol (CBD) under World Anti-Doping Agency Prohibited List language. Results apply only to the sample(s) tested. BSCG makes no claims or representations about the item(s) and does not endorse, make statements about the efficacy or safety, or make any other assurances regarding the item(s) including as to the absence of banned substances in sport or any other analytes not included in testing.*