



**Test Certificate No.:** 11799\_EA  
**Sample:** 4-gram CBD  
**Matrix:** Concentrate

**Customer:** Hempson Bio-Tech  
 Paul Murray  
 paul@hempsonoil.com

**Date Received:** 9/6/16  
**Test Date:** 9/7/16  
**Technician:** JFD

**ELEMENTAL ANALYSIS BY ICP-MS [Procedure WI-10-13]**

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

Metal	Symbol	Conc. <sup>1</sup> (µg/kg)	LLD (µg/kg)	Limits <sup>2</sup> (µg/kg)	Status
Sodium	Na	9,006.35	0.050	-	PASS
Magnesium	Mg	1,542.68	0.050	-	PASS
Aluminum	Al	46.06	0.050	-	PASS
Silicon	Si	7,217.10	0.050	-	PASS
Sulfur	S	7,652.69	0.050	-	PASS
Potassium	K	977.66	0.050	-	PASS
Calcium	Ca	38,771.34	0.050	-	PASS
Titanium	Ti	57.71	0.050	-	PASS
Chromium	Cr	2,157.38	0.050	-	PASS
Manganese	Mn	882.67	0.050	-	PASS
Iron	Fe	3,799.32	0.050	-	PASS
Cobalt	Co	179.67	0.050	-	PASS
Nickel	Ni	7,022.13	0.050	-	PASS
Copper	Cu	184.42	0.050	-	PASS
Zinc	Zn	1,146.78	0.050	-	PASS
Arsenic	As	41.82	0.012	200.00	PASS
Bromine	Br	497.31	0.050	-	PASS
Zirconium	Zr	25.55	0.050	-	PASS
Molybdenum	Mo	12.74	0.050	-	PASS
Cadmium	Cd	3.07	0.001	200.00	PASS
Tin	Sn	16.12	0.050	-	PASS
Barium	Ba	19.47	0.050	-	PASS
Tungsten	W	14.23	0.050	-	PASS
Mercury	Hg	1.68	0.014	100.00	PASS
Lead	Pb	69.74	0.002	500.00	PASS

- 1) ND = None detected to Lowest Limits of Detection (LLD)
- 2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.

<b>ProVerde Laboratories, Inc.</b> 420 Fortune Blvd. Milford, MA 01757 617.221.3356	<b>Authorization:</b> Christopher Hudalla, CSO	<b>Date</b>
	<b>Signature:</b> <i>Christopher Hudalla</i>	9/9/2016

**Test Certificate No.:** 10337\_EA  
**Sample:** Hempson Oil  
**Matrix:** Concentrate

**Customer:** Hempson Bio-Tech  
 Andrew Godfrey  
 andrew@hempsonoil.com

**Date Received:** 7/7/16  
**Test Date:** 7/12/16  
**Technician:** JFD

**ELEMENTAL ANALYSIS [ICP-MS]:**

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Metal	Symbol	Conc. <sup>1</sup> (µg/kg)	LLD (µg/kg)	Limits <sup>2</sup> (µg/kg)
Sodium	Na	132,604	0.050	-
Magnesium	Mg	4,413	0.050	-
Aluminum	Al	780	0.050	-
Silicon	Si	24,060	0.050	-
Phosphorus	P	<586	0.050	-
Sulfur	S	28,790	0.050	-
Potassium	K	23,531	0.050	-
Calcium	Ca	72,931	0.050	-
Chromium	Cr	1,121	0.050	-
Manganese	Mn	2,024	0.050	-
Iron	Fe	7,701	0.050	-
Cobalt	Co	318	0.050	-
Nickel	Ni	7,382	0.050	-
Copper	Cu	3,005	0.050	-
Zinc	Zn	5,579	0.050	-
Gallium	Ga	25.9	0.050	-
Arsenic	As	52.2	0.012	200.0
Selenium	Se	<55.6	0.050	-
Zirconium	Zr	45.2	0.050	-
Silver	Ag	5.1	0.050	-
Cadmium	Cd	3.7	0.001	200.0
Tin	Sn	50.3	0.050	-
Gold	Au	2.6	0.050	-
Mercury	Hg	6.0	0.014	100.0
Lead	Pb	95.8	0.002	500.0

- 1) ND = None detected to Lowest Limits of Detection (LLD)
- 2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.

<b>ProVerde Laboratories, Inc.</b> 420 Fortune Blvd. Milford, MA 01757 617.221.3356	<b>Authorization:</b> Christopher Hudalla, CSO	<b>Date</b>  7/12/2016
	<b>Signature:</b> <i>Christopher Hudalla</i>	