


Certificate ID: **110639**
 Received: **11/1/22**
 Client Sample ID: **2022 Harvest Hemp Lot**
 Lot Number: **50_2022_00000526**
 Matrix: **Flowers/Bud-Dry Flower**

Scan QR Code
for authenticity



Sunset Lake Enterprises
25 Brewer Parkway
South Burlington, VT 05403-7326

Authorization: Andrew Aubin, Lab Director	Signature: 	Date: 11/7/2022
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The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

EA: Elemental Analysis [WI-10-13]

Analyst: ZDV

Test Date: 11/2/2022

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.

110639-EA

Symbol	Metal	Conc. ¹ (µg/kg)	RL (µg/kg)	Limits ² (µg/kg)	Status
Al	Aluminum	10,800	50	-	
As	Arsenic	ND	50	15,000	PASS
Cd	Cadmium	ND	50	5,000	PASS
Ca	Calcium	1,160,000	500	-	
Cr	Chromium	ND	50	45,000	PASS
Co	Cobalt	ND	50	-	
Cu	Copper	28,000	50	3,100,000	PASS
Fe	Iron	358,000	50	-	
Pb	Lead	97.0	50	400,000	PASS
Mg	Magnesium	2,930,000	50	-	
Mn	Manganese	111,000	50	-	
Hg	Mercury	ND	50	9,400	PASS
Ni	Nickel	1,420	50	1,500,000	PASS
P	Phosphorus	7,330,000	500	-	
K	Potassium	16,800,000	500	-	
Se	Selenium	ND	50	-	
Ag	Silver	ND	50	-	
S	Sulfur	ND	500	-	
Sn	Tin	ND	500	-	
Zn	Zinc	79,600	50	15,000,000	PASS

1) ND = None detected to the Limit of Detection (LOD)
 2) MA recommended limits for elemental analysis.

PST: Pesticide Analysis [WI-10-11]

Analyst: CJR

Test Date: 11/1/2022

The client sample was analyzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

110639-PST

Analyte	CAS	Result	Units	LLD	Limits (ppb)	Status
Abamectin	71751-41-2	ND	ppb	0.20	10	PASS
Azoxystrobin	131860-33-8	ND	ppb	0.10	100	PASS
Bifenazate	149877-41-8	ND	ppb	0.10	100	PASS
Bifenthrin	82657-04-3	ND	ppb	0.20	3000	PASS
Cyfluthrin	68359-37-5	ND	ppb	0.50	2000	PASS
Dichlorvos	62-73-7	ND	ppb	3.00	10	PASS
Etoxazole	153233-91-1	ND	ppb	0.10	100	PASS
Fenoxycarb	72490-01-8	ND	ppb	0.10	10	PASS
Imazalil	35554-44-0	ND	ppb	0.10	10	PASS
Imidacloprid	138261-41-3	ND	ppb	0.10	5000	PASS
Myclobutanil	88671-89-0	ND	ppb	0.10	100	PASS
Paclobutrazol	76738-62-0	ND	ppb	0.10	10	PASS
Piperonyl butoxide	51-03-6	ND	ppb	0.10	3000	PASS
Pyrethrin	8003-34-7	ND	ppb	0.10	10	PASS
Spinosad	168316-95-8	ND	ppb	0.10	10	PASS
Spiromesifen	283594-90-1	ND	ppb	0.10	100	PASS
Spirotetramat	203313-25-1	ND	ppb	0.10	100	PASS
Trifloxystrobin	141517-21-7	ND	ppb	0.10	100	PASS

* Pesticide results reported against action limits established by the State of California Bureau of Cannabis Control, California Code of Regulations Title 16, Division 42. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample due to matrix interference.

END OF REPORT