

Prepared for:

**The Lighthearted Farmer**

PO Box 274


Pine, CO USA 80470

**Fire Balm - Sample Size**

Batch ID or Lot Number:	Test: <b>Potency</b>	Reported: <b>21Nov2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000262166	Started: 20Nov2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD): Potency - Full Spectrum Analysis, 0.3% THC	Received: 17Nov2023	Status: Active

**Cannabinoids**

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.021	0.022	0.22	
Cannabichromenic Acid (CBCA)	0.005	0.019	ND	ND	
Cannabidiol (CBD)	0.018	0.047	0.469	4.69	
Cannabidiolic Acid (CBDA)	0.019	0.048	ND	ND	
Cannabidivarin (CBDV)	0.004	0.011	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.020	ND	ND	
Cannabigerol (CBG)	0.003	0.012	ND	ND	
Cannabigerolic Acid (CBGA)	0.014	0.050	ND	ND	
Cannabinol (CBN)	0.004	0.016	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.034	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.016	0.060	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.015	0.054	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.013	0.048	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.042	ND	ND	
<b>Total Cannabinoids</b>			<b>0.491</b>	<b>4.91</b>	
Total Potential THC			ND	ND	
Total Potential CBD			0.469	4.69	

**Final Approval**Sam Smith  
21Nov2023  
11:38:00 AM MST

PREPARED BY / DATE

Karen Winternheimer  
21Nov2023  
11:41:00 AM MST

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/5e6ecf3d-6ea7-468d-80ac-e52041180279>**Definitions**

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).

Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCA \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



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