SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 08/13/2023

SAMPLE NAME: Stress Blend
Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
Business Name: Erth, LLC
License Number:
Address:
CA

SAMPLE DETAIL
Batch Number:
Sample ID: 230810R011

Date Collected: 08/10/2023
Date Received: 08/10/2023
Batch Size:
Sample Size: 10.0 units
Unit Mass: 2 grams per Unit
Serving Size: 2 grams per Serving

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.295%

Total CBD: 41.702%

Sum of Cannabinoids: 54.36%

Total Cannabinoids: 54.36%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^9-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8-THC + CBL + CBN

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 3.8984%

α-Bisabolol 10.736 mg/g | Limonene 9.335 mg/g | Linalool 6.405 mg/g

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: PASS

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

LQC verified by: Matthew Schneider
Job Title: Laboratory Analyst I
Date: 08/13/2023

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 08/13/2023

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Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.295%
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 41.702%
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 54.36%
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 1.751%
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 6.8%
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.336%
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/12/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.07 / 0.29*	*±15.013*	417.02	41.702
CBC	*0.2 / 0.5*	*±1.56*	68.0	6.80
CBN	*0.1 / 0.3*	*±1.01*	19.9	1.99
CBG	*0.06 / 0.19*	*±0.538*	17.51	1.751
CBDV	*0.04 / 0.15*	*±0.453*	13.36	1.336
CBL	*0.06 / 0.24*	*±0.131*	4.87	0.487
Δ^9-THC	*0.06 / 0.26*	*±0.129*	2.95	0.295
Δ^8-THC	*0.1 / 0.4*	*N/A*	ND	ND
THCa	*0.05 / 0.14*	*N/A*	ND	ND
THCV	*0.1 / 0.2*	*N/A*	ND	ND
THCVa	*0.07 / 0.20*	*N/A*	ND	ND
CBDa	*0.02 / 0.19*	*N/A*	ND	ND
CBDVa	*0.03 / 0.53*	*N/A*	ND	ND
CBGa	*0.1 / 0.2*	*N/A*	ND	ND
CBCa	*0.07 / 0.28*	*N/A*	ND	ND
SUM OF CANNABINOIDS			543.6 mg/g	54.36%

Unit Mass: 2 grams per Unit / Serving Size: 2 grams per Serving

Δ^9-THC per Unit	*1100 per-package limit*	5.90 mg/unit	PASS
Δ^9-THC per Serving		5.90 mg/serving	
Total THC per Unit		5.90 mg/unit	
Total THC per Serving		5.90 mg/serving	
CBD per Unit		834.04 mg/unit	
CBD per Serving		834.04 mg/serving	
Total CBD per Unit		834.04 mg/unit	
Total CBD per Serving		834.04 mg/serving	
Sum of Cannabinoids per Unit		1087.0 mg/unit	
Sum of Cannabinoids per Serving		1087.0 mg/serving	
Total Cannabinoids per Unit		1087.0 mg/unit	
Total Cannabinoids per Serving		1087.0 mg/serving	

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Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

1 α-Bisabolol
A sesquiterpene alcohol with a fragrance that can be described as floral, peppery, sweet and clean. Found in chamomile, figwort, yarrow, skullcaps, lavender, ironwort, germander...etc.

2 Limonene
A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

3 Linalool
A monoterpenoid alcohol with a fragrance that can be described as spicy, waxy, citrus and floral. It is commonly used as an insecticide against cockroaches, flies, fleas and other insects. Found in bail, lavender, cinnamon, hops, mugwort, goldenrods...etc.

TERPENOID TEST RESULTS - 08/12/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α-Bisabolol	*0.008 / 0.026*	*±0.4455*	**10.736**	**1.0736**
Limonene	*0.005 / 0.016*	*±0.1036*	**9.335**	**0.9335**
Linalool	*0.009 / 0.032*	*±0.1896*	**6.405**	**0.6405**
Caryophyllene Oxide	*0.010 / 0.033*	*±0.0919*	**2.566**	**0.2566**
Guaiol	*0.009 / 0.030*	*±0.0879*	**2.394**	**0.2394**
β-Caryophyllene	*0.004 / 0.012*	*±0.0572*	**2.066**	**0.2066**
α-Phellandrene	*0.006 / 0.020*	*±0.0124*	**1.172**	**0.1172**
Myrcene	*0.008 / 0.025*	*±0.0113*	**1.126**	**0.1126**
Nerolidol	*0.006 / 0.019*	*±0.0393*	**0.802**	**0.0802**
Citronellol	*0.003 / 0.010*	*±0.0263*	**0.692**	**0.0692**
α-Pinene	*0.005 / 0.017*	*±0.0021*	**0.320**	**0.0320**
α-Humulene	*0.009 / 0.029*	*±0.0079*	**0.315**	**0.0315**
Geranyl Acetate	*0.004 / 0.014*	*±0.0057*	**0.175**	**0.0175**
β-Ocimene	*0.006 / 0.020*	*±0.0035*	**0.140**	**0.0140**
Nerol	*0.003 / 0.011*	*±0.0045*	**0.130**	**0.0130**
β-Pinene	*0.004 / 0.014*	*±0.0011*	**0.121**	**0.0121**
p-Cymene	*0.005 / 0.016*	*±0.0022*	**0.104**	**0.0104**
trans-β-Farnesene	*0.008 / 0.025*	*±0.0024*	**0.088**	**0.0088**
Valencene	*0.009 / 0.030*	*±0.0043*	**0.081**	**0.0081**
Terpinolene	*0.008 / 0.026*	*±0.0010*	**0.063**	**0.0063**
α-Terpinene	*0.005 / 0.017*	*±0.0006*	**0.049**	**0.0049**
Eucalyptol	*0.006 / 0.018*	*±0.0009*	**0.044**	**0.0044**
Fenchol	*0.010 / 0.034*	*±0.0012*	**0.039**	**0.0039**
Geraniol	*0.002 / 0.007*	*±0.0007*	**0.021**	**0.0021**
Δ^3-Carene	*0.005 / 0.018*	*N/A*	**<LOQ**	**<LOQ**
γ-Terpinene	*0.006 / 0.018*	*N/A*	**<LOQ**	**<LOQ**
Sabinene Hydrate	*0.006 / 0.022*	*N/A*	**<LOQ**	**<LOQ**
Borneol	*0.005 / 0.016*	*N/A*	**<LOQ**	**<LOQ**
Terpineol	*0.009 / 0.031*	*N/A*	**<LOQ**	**<LOQ**
Camphene	*0.005 / 0.015*	*N/A*	**ND**	**ND**
Sabinene	*0.004 / 0.014*	*N/A*	**ND**	**ND**
Fenchone	*0.009 / 0.028*	*N/A*	**ND**	**ND**
Isopulegol	*0.005 / 0.016*	*N/A*	**ND**	**ND**
Camphor	*0.006 / 0.019*	*N/A*	**ND**	**ND**
Isoborneol	*0.004 / 0.012*	*N/A*	**ND**	**ND**
Menthol	*0.008 / 0.025*	*N/A*	**ND**	**ND**
Pulegone	*0.003 / 0.011*	*N/A*	**ND**	**ND**
α-Cedrene	*0.005 / 0.016*	*N/A*	**ND**	**ND**
Cedrol	*0.008 / 0.027*	*N/A*	**ND**	**ND**
TOTAL TERPENOIDS			**38.984 mg/g**	**3.8984%**

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