

SAMPLE NAME: POK-0102-Sleep

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

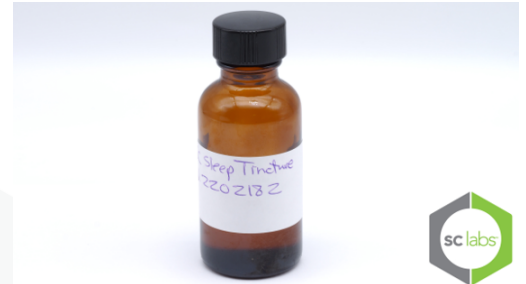
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Potent 2018 LTD

License Number:

Address:



SAMPLE DETAIL

Batch Number: 2202182

Sample ID: 220219T010

Date Collected: 02/19/2022

Date Received: 02/19/2022

Batch Size:

Sample Size:

Unit Mass:

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 1.654 mg/mL

Total CBD: 32.533 mg/mL

Sum of Cannabinoids: 46.717 mg/mL

Total Cannabinoids: 46.674 mg/mL

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

Density: 0.9483 g/mL

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 0.6957%

● **Limonene 4.438 mg/g**
● **Linalool 0.867 mg/g**
● **γ -Terpinene 0.565 mg/g**

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: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

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: Carmen Stackhouse Approved by: Josh Wurzer, President
 Date: 02/21/2022 Date: 02/21/2022



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: 1.654 mg/mL

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 32.533 mg/mL

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 46.674 mg/mL

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 0.677 mg/mL

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.078 mg/mL

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.486 mg/mL

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.376 mg/mL

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/20/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.2025	32.239	3.3997
CBN	0.001 / 0.007	±0.2814	9.804	1.0339
Δ^9 -THC	0.002 / 0.014	±0.0908	1.654	0.1744
CBC	0.003 / 0.010	±0.0473	1.468	0.1548
CBG	0.002 / 0.006	±0.0328	0.677	0.0714
CBDV	0.002 / 0.012	±0.0153	0.376	0.0396
CBDa	0.001 / 0.026	±0.0095	0.335	0.0353
THCV	0.002 / 0.012	±0.0038	0.078	0.0082
CBL	0.003 / 0.010	±0.0024	0.066	0.0070
CBCa	0.001 / 0.015	±0.0008	0.020	0.0021
THCa	0.001 / 0.005	N/A	ND	ND
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
SUM OF CANNABINOIDS			46.717 mg/mL	4.9264%

DENSITY TEST RESULT

0.9483 g/mL

Tested 02/20/2022

Method: QSP 7870 - Sample Preparation

Terpene Analysis

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

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

TERPENOID TEST RESULTS - 02/21/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Limonene	0.005 / 0.016	±0.0493	4.438	0.4438
Linalool	0.009 / 0.032	±0.0257	0.867	0.0867
γ -Terpinene	0.006 / 0.018	±0.0076	0.565	0.0565
β -Caryophyllene	0.004 / 0.012	±0.0077	0.278	0.0278
α -Bisabolol	0.008 / 0.026	±0.0081	0.195	0.0195
Myrcene	0.008 / 0.025	±0.0013	0.129	0.0129
α -Humulene	0.009 / 0.029	±0.0027	0.107	0.0107
Guaiol	0.009 / 0.030	±0.0034	0.092	0.0092
α -Pinene	0.005 / 0.017	±0.0006	0.087	0.0087
trans- β -Farnesene	0.008 / 0.025	±0.0016	0.058	0.0058

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Terpenoid Analysis *Continued*

TERPENOID TEST RESULTS - 02/21/2022 *continued*

1 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.

2 Linalool

A monoterpene 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 basil, lavender, cinnamon, hops, mugwort, goldenrods...etc.

3 γ -Terpinene

One of four isomers of the monoterpene Terpinene. It has a fragrance that can be described as sweet, spicy, tropical, woody and oily with a hint of citrus. Found in marjoram, cardamom, tea tree, bible hyssop...etc.

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β -Pinene	0.004 / 0.014	± 0.0004	0.045	0.0045
Terpinolene	0.008 / 0.026	± 0.0006	0.036	0.0036
α -Phellandrene	0.006 / 0.020	± 0.0003	0.031	0.0031
p-Cymene	0.005 / 0.016	± 0.0006	0.029	0.0029
Sabinene	0.004 / 0.014	N/A	<LOQ	<LOQ
α -Terpinene	0.005 / 0.017	N/A	<LOQ	<LOQ
β -Ocimene	0.006 / 0.020	N/A	<LOQ	<LOQ
Terpineol	0.009 / 0.031	N/A	<LOQ	<LOQ
Valencene	0.009 / 0.030	N/A	<LOQ	<LOQ
Nerolidol	0.006 / 0.019	N/A	<LOQ	<LOQ
Caryophyllene Oxide	0.010 / 0.033	N/A	<LOQ	<LOQ
Camphene	0.005 / 0.015	N/A	ND	ND
Δ^3 -Carene	0.005 / 0.018	N/A	ND	ND
Eucalyptol	0.006 / 0.018	N/A	ND	ND
Sabinene Hydrate	0.006 / 0.022	N/A	ND	ND
Fenchone	0.009 / 0.028	N/A	ND	ND
Fenchol	0.010 / 0.034	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
Borneol	0.005 / 0.016	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Nerol	0.003 / 0.011	N/A	ND	ND
Citronellol	0.003 / 0.010	N/A	ND	ND
Pulegone	0.003 / 0.011	N/A	ND	ND
Geraniol	0.002 / 0.007	N/A	ND	ND
Geranyl Acetate	0.004 / 0.014	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			6.957 mg/g	0.6957%