

Certificate of Analysis

Isolate 100-1-30

Isolate

Lot #: 100-1-30

Sample: 2002CNS0189.0995

Report Created: 06/05/2020

カンナビノイド **Cannabinoids**

99.7756%	ND
Total CBD	$\Delta 9$ -THC

	%	LOD (%)	LOQ (%)
CBDV	ND	0.015142	0.070
THCV	ND	0.015142	0.070
CBD	99.7756	0.013794	0.200
CBG	ND	0.012224	0.070
CBDA	ND	0.007227	0.200
CBGA	ND	0.009104	0.070
CBN	ND	0.007241	0.070
$\Delta 9$ -THC	ND	0.025632	0.200
$\Delta 8$ -THC	ND	0.02389	0.070
CBC	ND	0.004885	0.070
THCA	ND	0.013515	0.200
CBCA	ND	0.022032	0.070
Total	99.7756		

Total THC = THCa * 0.877 + $\Delta 9$ -THC + $\Delta 8$ -THC. Total CBD = CBDA * 0.877 + CBD.
LOQ = Limit of Quantification; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Cannabinoids analyzed per Canalysis SOP-06/SOP-14 on an Agilent 1220 HPLC-DAD. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



安全性 **Safety**

PASS Pesticides	PASS Microbials	PASS Mycotoxins
PASS Solvents	PASS Metals	PASS Foreign Matter

Agilent 1260 HPLC-DADでCanalysis SOP-05/SOP-14に従って分析されたカンナビノイド。
特に明記しない限り、すべての品質管理サンプルは、研究所によって確立された仕様の範囲内で実行されました。

Trevor Low, Lab Director



Accreditation #101469

This product has been tested by Canalysis Laboratories using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Canalysis Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Canalysis Laboratories. Canalysis Laboratories is an ISO 17025 accredited laboratory.

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テルペン Terpenes

	%	mg/g	LOQ
α-Pinene	<0.0100	<0.100	0.100
Camphene	<0.0100	<0.100	0.100
β-Myrcene	<0.0100	<0.100	0.100
β-Pinene	<0.0100	<0.100	0.100
3-Carene	<0.0100	<0.100	0.100
α-Terpinene	<0.0100	<0.100	0.100
Ocimene	<0.0100	<0.100	0.100
δ-Limonene	<0.0100	<0.100	0.100
p-Cymene	<0.0100	<0.100	0.100
trans-Ocimene	<0.0100	<0.100	0.100
Eucalyptol	<0.0100	<0.100	0.100
γ-Terpinene	<0.0100	<0.100	0.100
Terpinolene	<0.0100	<0.100	0.100
Linalool	<0.0100	<0.100	0.100
β-Caryophyllene	<0.0100	<0.100	0.100
α-Humulene	<0.0100	<0.100	0.100
cis-Nerolidol	<0.0100	<0.100	0.100
trans-Nerolidol	<0.0100	<0.100	0.100
Guaiol	<0.0100	<0.100	0.100
Caryophyllene Oxide	<0.0100	<0.100	0.100
α-Bisabolol	<0.0100	<0.100	0.100

LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Terpenes analyzed per Canalysis SOP-09 on an Agilent 7890B HS-GC-FID. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

重金属 Heavy Metals

	Result	Limit (ppb)	LOQ (ppb)
Arsenic	PASS	2000	250
Cadmium	PASS	820	250
Mercury	PASS	400	2.5
Lead	PASS	1200	250

LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Heavy Metals analyzed per Canalysis SOP-08 on an Agilent 7800 ICP-MS. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

カビ毒 Mycotoxins

	Result	Limit (ppb)	LOQ (ppb)
Ochratoxin A	PASS	20	10
Aflatoxins	PASS	20	10

LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Mycotoxins analyzed per Canalysis SOP-10/SOP-15 using Agilent 1260 LC-MS and/or 7000 GC-MS. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Trevor Low, Lab Director



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農薬 Pesticides

	Result	Limit (ppm)	LOQ (ppm)
Abamectin	PASS	0.2	0.01
Acequinocyl	PASS	4.0	0.01
Bifenazate	PASS	0.4	0.01
Bifenthrin	PASS	0.1	0.01
Beta-Cyfluthrin	PASS	2.0	0.05
Cypermethrin	PASS	1.0	0.01
Daminozide	PASS	0.8	0.02
Dimethomorph	PASS	2.0	0.01
Etoxazole	PASS	0.4	0.01
Fenhexamid	PASS	1.0	0.01
Flonicamid	PASS	1.0	0.01
Fludioxonil	PASS	0.5	0.01
Imidacloprid	PASS	0.5	0.01
Myclobutanil	PASS	0.4	0.01
Paclobutrazol	PASS	0.4	0.01
Quintozene	PASS	0.8	0.05
Piperonyl Butoxide	PASS	3.0	0.01
Pyrethrins	PASS	2.0	0.01
Spinetoram	PASS	1.0	0.01
Spinosad	PASS	1.0	0.01
Spirotetramat	PASS	1.0	0.01
Thiamethoxam	PASS	0.4	0.01
Trifloxystrobin	PASS	1.0	0.01

LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Pesticides analyzed per Canalysis SOP-10/SOP-15 using Agilent 1260 LC-MS and/or 7000 GC-MS. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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溶剤 Solvents

	Result	Limit (ppm)	LOQ (ppm)
Propane	PASS	500	50
Isobutane	PASS	500	50
Butanes	PASS	500	50
Heptanes	PASS	500	50
Ethanol	PASS	5000	50
Methanol	PASS	3000	50
Acetonitrile	PASS	410	50
n-Hexane	PASS	290	50

LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Residual Solvents analyzed per Canalysis SOP-13 on an Agilent 7890B HS-GC-FID. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



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微生物 **Microbials**

	Result	Limit (CFU/g)	LOQ (CFU/g)
<i>E. coli</i>	PASS	Any detected	1
Salmonella	PASS	Any detected	1
<i>Aspergillus (niger, terreus, flavus, fumigatus)</i>	PASS	Any detected	1
Yeast & Mold	PASS	1000	10
Bile-Tolerant Gram-Negative Bacteria	PASS	100	10

LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample; ND = Not Detectable, NR = Not Reported, NT = Not Tested. Residual Solvents analyzed per Canalysis SOP-M003 (Chromogenic plate), SOP-M004 (qPCR), SOP-M005 (qPCR) on a Bio-Rad CFX96 Thermal Cycler. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

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