

Curaleaf
34 Hopmeadow St.
Weatogue, CT 06089

Date Received: 01/13/2023
Report Date: 01/24/2023
NELabs Report ID: 2389292-05

Product ID: 230111D-IP

Product Type: Concentrate

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	10,000	AOAC 2014.05
<i>Aspergillus (flavus, fumigatus, terreus, niger)</i>	Not Detected	Not Detected	qPCR
Enteropathogenic <i>E. coli</i>	Not Detected	Not Detected	AOAC 2017.01
<i>Listeria Monocytogenes</i>	Not Detected	Not Detected	AOAC 2016.08
<i>Salmonella</i> species	Not Detected	Not Detected	AOAC 2016.01
Shiga Toxin Producing <i>E. coli</i>	Not Detected	Not Detected	FDA BAM
Pass/Fail: PASS			

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	0.47
CBG	2.28
CBD	0.27
THCV	0.58
CBN	----
Δ^9 THC	90.82
CBL	----
CBC	----
THCA	----
Total Cannabinoids	94.42 %
Total THC: 90.82 %	

Residual Solvent by GC-MS	Results (% w/w)
Ethanol	<0.10

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.01
Camphene	----
β -Myrcene	0.21
β -Pinene	0.02
3-Carene	----
α -Terpinene	----
Limonene	0.27
Ocimene	----
p-Cymene	----
γ -Terpinene	----
Terpinolene	----
Linalool	0.21
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.58
α -Humulene	0.18
cis-Nerolidol	0.07
trans-Nerolidol	0.12
Guaiol	----
α -Bisabolol	----
Total Terpenes: 1.67 %	



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Pesticides by LC-MS/MS	Results	Limits
Per Sample $\geq$ 0.5g	Not Detected	Below Action Levels
Pass/Fail: PASS		

Heavy Metals by ICP-MS	Results	Limits
As, Cd, Pb, Hg	Below Detection	Below Action Levels
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

Ingredient Testing by FTIR	Results ($\mu\text{g/kg}$)	Limits ($\mu\text{g/kg}$)
Vitamin E Acetate	Not Detected	Absent
Medium Chain Triglycerides	Not Detected	Absent
Squalene	Not Detected	Absent
Squalane	Not Detected	Absent
Polyethylene Glycol	Not Detected	Absent
Pass/Fail: PASS		

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 01/13/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
01/24/2023	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO/ILAC-IAF Communiqué dated April 2017).



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Cannabinoids	% w/w	mg per 0.3 g	mg per 0.5 g	mg per 1.0 g
CBDV	----	----	----	----
CBDA	----	----	----	----
CBGA	0.47	1.41	2.35	4.70
CBG	2.28	6.84	11.40	22.80
CBD	0.27	0.81	1.35	2.70
THCV	0.58	1.74	2.90	5.80
CBN	----	----	----	----
THC	90.82	272.46	454.10	908.20
CBL	----	----	----	----
CBC	----	----	----	----
THCA	----	----	----	----

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