

Curaleaf
34 Hopmeadow St.
Weatogue, CT 06089

Date Received: 12/01/2023
Report Date: 12/11/2023
NELabs Report ID: 2392031-09

Product ID: 231130D-JH

Product Type: Concentrate

Microbiology	Results (CFU)	Limits (CFU)	Methods
Total Aerobic Microbial Count	<100	100,000	AOAC 990.12
Total Yeast & Mold Count	<100	100,000	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	<LOQ
CBGA	----
CBG	1.39
CBD	45.91
THCV	<LOQ
CBN	0.28
Δ^9 THC	49.24
CBL	----
CBC	<LOQ
THCA	----
Total Cannabinoids	96.82 %
Total THC: 49.24 %	

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

Terpenes by GC-MS	Results (% w/w)
α -Pinene	0.07
Camphene	0.01
β -Myrcene	0.29
β -Pinene	0.11
3-Carene	0.03
α -Terpinene	0.04
Limonene	0.54
Ocimene	0.08
p-Cymene	----
γ -Terpinene	0.03
Terpinolene	1.10
Linalool	0.35
(-)-Isopulegol	----
Geraniol	----
β -Caryophyllene	0.38
α -Humulene	0.12
cis-Nerolidol	----
trans-Nerolidol	----
Guaiol	----
α -Bisabolol	----
Total Terpenes: 3.15 %	



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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 ($\mu g/kg$)	Limits ($\mu g/kg$)
Aflatoxins (B1, B2, G1, G2)	<20 each	<20 each
Ochratoxin-A	<20	<20
Pass/Fail: PASS		

Ingredient Testing by FTIR	Results ($\mu g/kg$)	Limits ($\mu g/kg$)
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 12/01/2023.

Date:	Reviewed by: <i>Michelle Szylobryt</i>	Released by: <i>Zachary Cannone</i>
12/11/23	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	<LOQ	<1.0	<1.0	<1.0
CBGA	----	----	----	----
CBG	1.39	4.17	6.95	13.90
CBD	45.91	137.73	229.55	459.10
THCV	<LOQ	<1.0	<1.0	<1.0
CBN	0.28	0.84	1.40	2.80
Δ^9 THC	49.24	147.72	246.20	492.40
CBL	----	----	----	----
CBC	<LOQ	<1.0	<1.0	<1.0
THCA	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 12/01/2023.

