NORTHEAST LABORATORIES

CERTIFICATE OF ANALYSIS

Curaleaf
34 Hopmeadow St.
Weatogue, CT 06089

Date Received: 09/09/2022
Report Date: 09/16/2022
NELabs Report ID: 2288351-05

Product ID: 220909L-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
Shiga Toxin Producing *E. coli*	Not Detected	Not Detected	FDA BAM
Listeria Monocytogenes	Not Detected	Not Detected	AOAC 2016.08
Enteropathogenic *E. coli*	Not Detected	Not Detected	AOAC 2017.01
Salmonella species	Not Detected	Not Detected	AOAC 2016.01
Pass/Fail: PASS			

Heavy Metals by ICP-MS	**Results (µg/kg BW/day)**	**Limits (µg/kg BW/day)**
Arsenic	<0.14	0.14
Cadmium	<0.09	0.09
Lead	<0.29	0.29
Mercury	<0.29	0.29
Pass/Fail: PASS		

Mycotoxins by LC-MS/MS	**Results (µg/kg)**	**Limits (µg/kg)**
Aflatoxin B1	<20	20
Aflatoxin B2	<20	20
Aflatoxin G1	<20	20
Aflatoxin G2	<20	20
Ochratoxin-A	<20	20
Pass/Fail: PASS		

Pesticides by LC-MS/MS	**Results**		**Results**
Bifenazate	Not Detected	Myclobutanil	Not Detected
Dimethomorph	Not Detected	Piperonylbutoxide	Not Detected
Etoxazole	Not Detected	Spinetoram (J +L)	Not Detected
Fenhexamid	Not Detected	Spinosad (A+D)	Not Detected
Flonicamid	Not Detected	Spirotetramat	Not Detected
Fludioxonil	Not Detected	Thiamethoxam	Not Detected
Imidacloprid	Not Detected	Trifloxystrobin	Not Detected
Pass/Fail: PASS			

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Terpenes by GC-MS	Results (% w/w)
α-Pinene	0.13
Camphene	0.03
β-Myrcene	1.71
β-Pinene	0.26
3-Carene	----
α-Terpinene	----
Limonene	1.10
Ocimene	----
p-Cymene	----
γ-Terpinene	----
Terpinolene	----
Linalool	0.53
(-)-Isopulegol	----
Geraniol	----
β-Caryophyllene	0.65
α-Humulene	0.16
cis-Nerolidol	0.15
trans-Nerolidol	0.97
Guaiol	0.02
α-Bisabolol	0.12
Total Terpenes: 5.83	

Cannabinoids by HPLC	Results (% w/w)
CBDV	----
CBDA	----
CBGA	0.79
CBG	2.58
CBD	0.19
THCV	----
CBN	----
THC	85.59
CBL	----
CBC	----
THCA	----
Total Cannabinoids: 89.15	

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/09/2022.

Date:	Reviewed by:	Released by:
09/16/2022	Michelle Szylobryt, QA / QC	Zachary Cannone, Laboratory Director

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Cannabinoids	**% w/w**	**mg per 0.3g**	**mg per 0.5g**	**mg per 1.0g**
CBDV	----	----	----	----
CBDA	----	----	----	----
CBGA	0.79	2.37	3.95	7.90
CBG	2.58	7.74	12.90	25.80
CBD	0.19	0.57	0.95	1.90
THCV	----	----	----	----
CBN	----	----	----	----
THC	85.59	256.77	427.95	855.90
CBL	----	----	----	----
CBC	----	----	----	----
THCA	----	----	----	----

NOTE: Results are for sample(s) submitted to Northeast Laboratories Inc. on 09/09/2022.