

Certificate of Analysis

Report Published: 05/30/2022

Client Name: Kerwell/Kerwellnes

Address: 949 W Burlington, Downers Grove, IL

Phone: N/A

Certificate Number: 2414

License Number: N/A

Sample Description: RELIEF SOFTGELS

Batch ID: KRLSG0522-01

Sampling Plan: N/A

Sampling Method: SOP_013

Sample ID: 1414

Sampling Date: 05/30/2022

Sample Type: Infused Product

Date Received: 05/29/2022

Strain: Hybrid



Results Summary

Potency - DAD

✓ TESTED

Date Analyzed: 05/30/2022

Method Used:
SOP_002

Pesticides

✓ TESTED

Date Analyzed: 05/31/2022

Method Used:
SOP_003

Mycotoxins

✓ TESTED

Date Analyzed: 57/31/2022

Method Used:
SOP_004

Residual Solvents

✓ TESTED

Date Analyzed: 06/01/2022

Method Used:
SOP_017

Heavy Metals

✓ TESTED

Date Analyzed: 06/01/2022

Method Used:
SOP_008

Foreign Matter

✓ TESTED

Date Analyzed: 06/01/2022

Method Used:
SOP_010

Microbial Impurities

✓ TESTED

Date Analyzed: 06/06/2022

Method Used:
SOP_006, SOP_012

Potency - DAD

TESTED

Date Analyzed: 05/30/2022
Instrument: Agilent 1100 LC-DAD

Date Completed: 05/30/2022
Lab Tech: Landen Nickel

Moisture Content (%) : 0
Unit Size (g): 0.4

Cannabinoid	Result (%)	Result (mg/g)	Result (mg/svg)	Result (mg/package)	LOD (%)	LOQ (%)	Relative Abundance
CBDV	ND	ND	ND	ND	0.0500	0.1000	
CBDA	0.326	3.255	1.302	36.089	0.0500	0.1000	<div style="width: 5%;"></div>
CBD	8.069	80.690	32.276	968.280	0.0500	0.1000	<div style="width: 80%;"></div>
THCV	ND	ND	ND	ND	0.0500	0.1000	
THCA	ND	ND	ND	ND	0.0500	0.1000	
Δ9 THC	0.209	2.088	0.835	25.051	0.0500	0.1000	<div style="width: 5%;"></div>
Δ8 THC	ND	ND	ND	ND	0.0500	0.1000	
CBN	ND	ND	ND	ND	0.0500	0.1000	
CBC	0.449	4.493	1.797	53.912	0.0500	0.1000	<div style="width: 5%;"></div>
CBGA	ND	ND	ND	ND	0.0500	0.1000	
CBG	0.146	1.457	0.589	17.671	0.0500	0.1000	<div style="width: 5%;"></div>
Total THC	0.209	2.088	0.8350	25.051			
Total CBD	8.354	83.545	32.276	999.93			
Total Cannabinoids	9.198	91.982	36.792	1103.76			

Total THC = THC + (THCA x 0.877)

Total CBD = CBD + (CBDA x 0.877)

Total Cannabinoids = Sum of all cannabinoids without THC/CBD corrections.

LOD = Limit of Detection; **LOQ** = Limit of Quantitation; **NR** = Not Reported; **ND** = Not Detected.

The reported result is based on a sample weight with the applicable moisture content for that sample.

Relative Abundance represents the percentage of each analyte compared with the total cannabinoid content.

Pesticides

✓ TESTED

Date Analyzed: 05/31/2022

Instrument: Agilent 1290 Infinity II LC/Ultivo TQMS

Date Completed: 06/01/2022

Lab Tech: Landen Nickel

Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)
Acephate	ND	10.0000	50.0000
Acequinocyl	ND	5.0000	10.0000
Acetamiprid	ND	1.0000	5.0000
Aldicarb	ND	5.0000	10.0000
Azoxystrobin	ND	0.5000	1.0000
Bifenazate	ND	0.5000	1.0000
Bifenthrin	ND	5.0000	5.0000
Boscalid	ND	5.0000	10.0000
Carbaryl	ND	5.0000	5.0000
Carbofuran	ND	0.5000	1.0000
Chlorantraniliprole	ND	10.0000	50.0000
Chlorpyrifos	ND	5.0000	5.0000
Chlofentazine	ND	5.0000	10.0000
Coumaphos	ND	5.0000	5.0000
Daminozide	ND	5.0000	50.0000
Diazinon	ND	0.5000	1.0000
Dimethomorph I	ND	5.0000	5.0000
Dimethomorph II	ND	1.0000	5.0000
Ethoprophos	ND	1.0000	5.0000
Etofenprox	ND	1.0000	1.0000
Etoxazole	ND	0.5000	1.0000
Fenhexamid	ND	5.0000	10.0000
Fenoxycarb	ND	0.5000	1.0000
Fenpyroximate	ND	0.5000	1.0000
Fipronil	ND	5.0000	5.0000
Flonicamid	ND	1.0000	5.0000

Pesticide	Result (ppb)	LOD (ppb)	LOQ (ppb)
Fludioxonil	ND	5.0000	5.0000
Hexythiazox	ND	5.0000	5.0000
Imazalil	ND	5.0000	5.0000
Imidacloprid	ND	1.0000	5.0000
Kresoxim Methyl	ND	5.0000	5.0000
Metalaxyl	ND	0.5000	1.0000
Methiocarb	ND	5.0000	5.0000
Mevinphos	ND	5.0000	10.0000
Oxamyl I	ND	1.0000	5.0000
Paclobutrazol	ND	5.0000	5.0000
Permethrin	ND	5.0000	10.0000
Phosmet	ND	5.0000	5.0000
Piperonyl-butoxide	ND	0.5000	1.0000
Prallethrin	ND	5.0000	10.0000
Propiconazole	ND	5.0000	10.0000
Pyridaben	ND	0.5000	1.0000
Spinetoram J	ND	0.5000	1.0000
Spinetoram L	ND	5.0000	10.0000
Spinosyn A	ND	5.0000	5.0000
Spinosyn D	ND	5.0000	10.0000
Spiromesifen	ND	0.5000	1.0000
Spirotetramat	ND	5.0000	5.0000
Spiroxamine	ND	0.5000	1.0000
Tebuconazole	ND	5.0000	5.0000
Thiacloprid	ND	0.5000	1.0000
Thiamethoxym	ND	1.0000	5.0000
Trifloxystrobin	ND	0.5000	1.0000

Mycotoxins

✓ TESTED

Date Analyzed: 06/07/2022

Instrument: Agilent 1290 Infinity II LC/Ultivo TQMS

Date Completed: 06/09/2022

Lab Tech: Landen Nickel

Mycotoxins	Result (ppb)	LOD (ppb)	LOQ (ppb)
Aflatoxin B1	ND	10.0000	20.0000
Aflatoxin B2	ND	10.0000	20.0000
Aflatoxin G1	ND	10.0000	20.0000
Aflatoxin G2	ND	10.0000	20.0000
Ochratoxin A	ND	20.0000	20.0000

Residual Solvents

✓ TESTED

Date Analyzed: 06/01/2022
Instrument: HS-GC-MS

Date Completed: 06/02/2022
Lab Tech: Landen Nickel

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)
Propane	ND	25.5102	612.2450
Butane	ND	25.5102	612.2450
Methanol	ND	25.5102	1836.7300
Ethylene Oxide	ND	10.2041	10.2041
Pentane	ND	25.5102	1428.5700
Ethanol	ND	25.5102	1428.5700
Ethyl Ether	ND	25.5102	1428.5700
Acetone	ND	25.5102	1428.5700
Isopropyl Alcohol	ND	25.5102	1428.5700
Methylene Chloride	ND	367.3470	367.3470
Hexane	ND	25.5102	177.5510
Ethyl Acetate	ND	25.5102	1428.5700
Heptane	ND	25.5102	2857.1400
Trichloroethene	ND	48.9796	48.9796
Toluene	ND	25.5102	544.8980
Total Xylenes	ND	25.5102	1328.5700

Heavy Metals

✓ TESTED

Date Analyzed: 06/02/2022
Instrument: Agilent 7800 ICP-MS

Date Completed: 06/06/2022
Lab Tech: Landen Nickel

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)
Lead	ND	0.7010	83.5000
Arsenic	ND	2.2540	83.5000
Cadmium	ND	1.1250	83.5000
Mercury	ND	4.1080	8.3500
Chromium	ND	6.1460	83.5000

Foreign Matter

✓ TESTED

Date Analyzed: 07/07/2021
Instrument: Euromex bScope Series Microscope

Date Completed: 07/07/2021
Lab Tech: Landen Nickel

Foreign Materials	Result (perc. w/w)
Cinders	ND
Dirt	ND
Insect Fragments	ND
Mold	ND
Other	ND

Microbial Impurities (Quantitative)

✓ TESTED

Date Analyzed: 06/01/2022
Instrument: 3M Petrifilm

Date Completed: 06/01/2022
Lab Tech: Christine Stouffer

Microbials (Quantitative)	Result (CFU/g)
Total Coliform Count	ND
Total BTGN Count	ND
Total Aerobic Content Count	ND
Total Yeast and Mold Count	ND

TNTC = Too numerous to count.

Microbial Impurities (Qualitative)

✓ TESTED

Date Analyzed: 06/06/2022
Instrument: 3M Petrifilm

Date Completed: 06/09/2022
Lab Tech: Christine Stouffer

Microbials (Qualitative)	Result
STEC	Not Detected
Salmonella Spp.	Not Detected

TNTC = Too numerous to count.