



**Customer:** Kerwell/Kerwellness  
**Address:** 939 W. Lake St  
Chicago, IL 60607  
**Sample ID:** Kerwell Relief Cream  
KRLMSG3O522-01  
**Matrix:** Personal Care/Topical  
**Labnumber:** 21G0143-01

Mass: 92.00 g

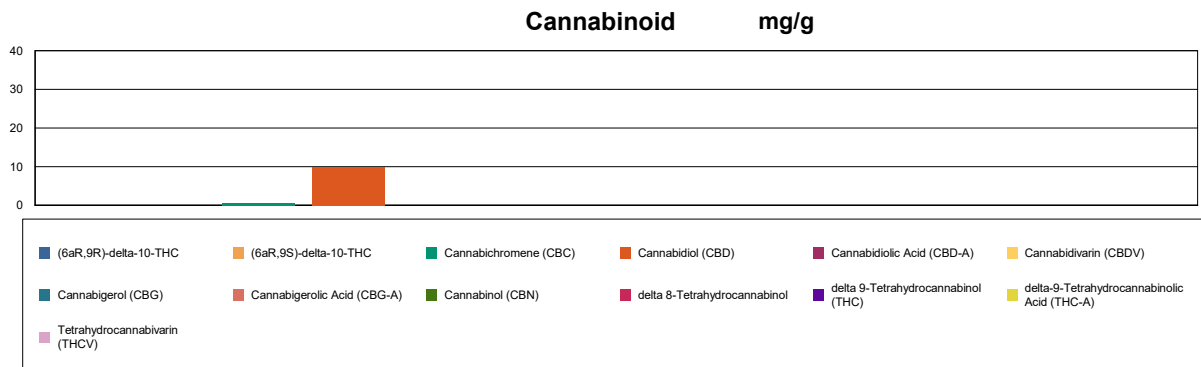
## Cannabinoid Profile

**Test Conditions:** 23°C  
**Extraction Technician:** SH  
**Analytical Chemist:** CB

Extraction Date(s)	Analysis Date(s)
6/05/2022	06/06/2022

Cannabinoids (HPLC)	Results		
	LOD (mg/g)	%	mg/g
Cannabidivarin (CBDV)	<0.20		
Cannabidiolic Acid (CBD-A)	<0.20		
Cannabigerolic Acid (CBG-A)	<0.20		
Cannabigerol (CBG)		0.05	0.54
Cannabidiol (CBD)		1.11	11.11
Tetrahydrocannabivarin (THCV)	<0.20		
Cannabinol (CBN)			
Cannabichromene (CBC)	<0.20		
delta 9-Tetrahydrocannabinol (THC)	<0.20		
delta-9-Tetrahydrocannabinolic Acid (THC-A)	<0.20		
delta 8-Tetrahydrocannabinol	<0.20		
(6aR,9S)-delta-10-THC	<0.20		
(6aR,9R)-delta-10-THC	<0.20		
Cannabinoids Total		%	mg/container
Max Active THC (delta-9-tetrahydrocannabinol)		0.00	0.00
Max Active CBD		1.11	1020.12
T.Active Cannabinoids		1.16	1069.80
Total Cannabinoids		1.16	1069.80

Following USDA guidelines on uncertainty, Altitude Consulting's uncertainty is calculated to be +/- 2% for all cannabinoids using a coverage factor of 2 (95% confidence interval). Measurement uncertainty has not been factored into reported values.  
Blank results indicate the compound was below the limit of detection.



**Gary Brook - Laboratory Director - 6/06/2022**

Reporting Limits will vary based on sample extraction weight used for the analysis.

The results of this report are based solely on the sample submitted and cannot be reproduced. Decision Rule: Measurement uncertainty is not accounted for in the reported values.

Results are based solely on calculated numbers. Altitude Consulting makes no Statements of conformity. **Pesticide, metal, and microbial analyses are subcontracted to ISO 17025 laboratories.**

# **MUSCLE GEL**

**SOLVENTS  
METALS  
PESTICIDES**

## Pesticides

✓ TESTED

**Date Analyzed:** 06/07/2022  
**Instrument:** Agilent 1290 Infinity II LC/Ultivo TQMS

**Date Completed:** 06/07/2022  
**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:** 06/08/2022  
**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:** 06/07/2022  
**Instrument:** HS-GC-MS

**Date Completed:** 06/08/2022  
**Lab Tech:** Landen Nickel

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)
Propane	ND	17.1233	410.9590
Butane	ND	17.1233	410.9590
Methanol	ND	17.1233	1232.8800
Ethylene Oxide	ND	6.8493	6.8493
Pentane	ND	17.1233	958.9040
Ethanol	ND	17.1233	958.9040
Ethyl Ether	ND	17.1233	958.9040
Acetone	ND	17.1233	958.9040
Isopropyl Alcohol	ND	17.1233	958.9040
Methylene Chloride	ND	246.5750	246.5750
Hexane	ND	17.1233	119.1780
Ethyl Acetate	ND	17.1233	958.9040
Heptane	ND	17.1233	1917.8100
Trichloroethene	ND	32.8767	32.8767
Toluene	ND	17.1233	365.7530
Total Xylenes	ND	17.1233	891.7810

## Heavy Metals

✓ TESTED

**Date Analyzed:** 06/07/2022  
**Instrument:** Agilent 7800 ICP-MS

**Date Completed:** 06/08/2022  
**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:** 06/07/2022  
**Instrument:** Euromex bScope Series Microscope

**Date Completed:** 06/08/2022  
**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:** 06/07/2022  
**Instrument:** 3M Petrifilm

**Date Completed:** 06/10/2022  
**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:** 06/07/2022  
**Instrument:** 3M Petrifilm

**Date Completed:** 06/10/2022  
**Lab Tech:** Christine Stouffer

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

TNTC = Too numerous to count.