



Certificate of Analysis

Powered by Confident Cannabis

Dr. Kerklaan Therapeutics

Berkeley, CA 94710
 lawrenceh@drkerklaan.com
 (931) 309-1858
 Lic. #CBD

Sample: 1907DBL0233.6697

METRC Sample:
 Batch #: Oil Batch MD13-F2-7-ND-D

Strain: NA

Ordered: 07/19/2019; Sampled: 07/19/2019; Completed: 07/25/2019

Natural CBD PMS Cream 60mg CBD

Topical, Salve



Dr. Kerklaan
 THERAPEUTICS



Cannabinoids

- CBC
- CBCa
- CBD
- CBDa
- CBDV
- CBDVa
- CBG
- CBGa
- CBL
- CBN
- Δ8-THC
- Δ9-THC
- THCa
- THCV
- THCVa

Cannabinoids

<LOQ

67.258
 mg/unit

Δ9-THC + Δ8-THC

CBD

69.059
 mg/unit

NT

Total Cannabinoids

Moisture

1 Unit = Natural CBD PMS Cream 60mg CBD, 29g

Cannabinoid Profile

Analyzed by 300.18 UHPLC/PDA

Cannabinoid	Mass mg/unit	Mass mg/g	LOQ mg/unit
CBC	<LOQ	<LOQ	1.603
CBCa	<LOQ	<LOQ	1.603
CBD	67.258	2.319	1.603
CBDa	<LOQ	<LOQ	1.603
CBDV	<LOQ	<LOQ	1.603
CBDVa	<LOQ	<LOQ	1.603
CBG	1.801	0.062	1.603
CBGa	<LOQ	<LOQ	1.603
CBL	<LOQ	<LOQ	1.603
CBN	<LOQ	<LOQ	1.603
Δ8-THC	<LOQ	<LOQ	1.603
Δ9-THC	<LOQ	<LOQ	1.603
THCa	<LOQ	<LOQ	1.603
THCV	<LOQ	<LOQ	1.603
THCVa	<LOQ	<LOQ	1.603
Total THC	ND	ND	
Total CBD	67.258	2.319	
Total	69.059	2.381	

Notes: Solution was ran by an ISO 17025:2017 accredited laboratory for heavy metals.



Stacy Gardalen

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 Quality Control

Kelly Zaugg

Kelly Zaugg
 Quality Control



4439 Polaris Ave
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(702) 728-5180

www.dblabslv.com

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Natural CBD PMS Cream 60mg CBD

Topical, Salve



Terpenes

Analyzed by 300.13 GC/FID and GC/MS

Compound	LOQ	Mass	Mass	Relative Concentration
	mg/unit	mg/unit	mg/g	
Terpinolene	3.906	70.025	2.415	<div style="width: 2.415%;"></div>
trans-Nerolidol	1.367	2.175	0.075	<div style="width: 0.075%;"></div>
α-Bisabolol	3.906	<LOQ	<LOQ	
α-Humulene	3.906	<LOQ	<LOQ	
α-Pinene	3.906	<LOQ	<LOQ	
α-Terpinene	3.906	<LOQ	<LOQ	
β-Caryophyllene	3.906	<LOQ	<LOQ	
β-Myrcene	3.906	<LOQ	<LOQ	
β-Pinene	3.906	<LOQ	<LOQ	
Camphene	3.906	<LOQ	<LOQ	
Caryophyllene Oxide	3.906	<LOQ	<LOQ	
cis-Nerolidol	2.539	<LOQ	<LOQ	
cis-Ocimene	2.539	<LOQ	<LOQ	
δ-3-Carene	3.906	<LOQ	<LOQ	
δ-Limonene	3.906	<LOQ	<LOQ	
Eucalyptol	3.906	<LOQ	<LOQ	
γ-Terpinene	3.906	<LOQ	<LOQ	
Guaiol	3.906	<LOQ	<LOQ	
Isopulegol	3.906	<LOQ	<LOQ	
Linalool	3.906	<LOQ	<LOQ	
p-Cymene	3.906	<LOQ	<LOQ	
trans-Ocimene	1.367	<LOQ	<LOQ	

72.200 mg/unit
 Total Terpenes



Notes: Solution was ran by an ISO 17025:2017 accredited laboratory for heavy metals.



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Natural CBD PMS Cream 60mg CBD

Topical, Salve



Microbials Pass

Analyzed by 300.1 Plating/QPCR

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Aerobic Bacteria	9	100000	<LOQ	Pass
Bile-Tolerant Gram-Negative Bacteria	9	1000	<LOQ	Pass
Coliforms	9	1000	<LOQ	Pass
Yeast & Mold	9	10000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass



Foreign Matter Pass



Notes: Solution was ran by an ISO 17025:2017 accredited laboratory for heavy metals.

TNC = Too Numerous to Count



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Topical, Salve



Pesticides				Pass
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	50	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	15000	<LOQ	Pass
Bifenthrin	10	50	<LOQ	Pass
Cyfluthrin	10	4000	<LOQ	Pass
Cypermethrin	10	50	<LOQ	Pass
Daminozide	10	50	<LOQ	Pass
Dimethomorph	10	60000	<LOQ	Pass
Etoxazole	10	7000	<LOQ	Pass
Fenhexamid	10	30000	<LOQ	Pass
Flonicamid	10	7000	<LOQ	Pass
Fludioxonil	10	20	<LOQ	Pass
Imidacloprid	10	50	<LOQ	Pass
Myclobutanil	10	4000	<LOQ	Pass
Paclobutrazol	10	50	<LOQ	Pass
Piperonyl Butoxide	10	10000	<LOQ	Pass
Pyrethrins	10	1000	<LOQ	Pass
Quintozene	10	200	<LOQ	Pass
Spinetoram	10	1700	<LOQ	Pass
Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
Thiamethoxam	10	20	<LOQ	Pass
Trifloxystrobin	10	11000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass



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Residual Solvents					Pass
Analyzed by 300.13 GC/FID and GC/MS					
Compound	LOQ	Limit	Mass	Status	
	PPM	PPM	PPM		
Butanes	86	500	<LOQ	Pass	
Heptane	86	500	<LOQ	Pass	
Propane	86	500	<LOQ	Pass	



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Mycotoxins					Pass
Analyzed by 300.2 Elisa					
Mycotoxin	LOQ	Limit	Mass	Status	
	PPB	PPB	PPB		
Aflatoxins	4.0	20.0	<LOQ	Pass	
Ochratoxin A	2.0	20.0	<LOQ	Pass	

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Topical, Salve



Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	105	2000	<LOQ	Pass
Cadmium	105	820	<LOQ	Pass
Lead	105	1200	<LOQ	Pass
Mercury	105	400	<LOQ	Pass



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