



Certificate of Analysis

Dr. Kerklaan Therapeutics

Berkeley, CA 94710

Sample: 1909DBL0205.8604.R2

METRC Sample:
Lot #: X9H27C1

Strain: NA

Ordered: 09/18/2019; Sampled: 09/20/2019; Completed: 12/17/2019; Analyzed: 09/27/2019

Natural CBD PMS Cream (1 oz)

Topical, Lotion, Other



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



16.200 mg/unit
Total Terpenes

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
Terpinolene	5.208	16.200	0.559	
α-Bisabolol	5.208	<LOQ	<LOQ	
α-Humulene	5.208	<LOQ	<LOQ	
α-Pinene	5.208	<LOQ	<LOQ	
α-Terpinene	5.208	<LOQ	<LOQ	
β-Caryophyllene	5.208	<LOQ	<LOQ	
β-Myrcene	5.208	<LOQ	<LOQ	
β-Pinene	5.208	<LOQ	<LOQ	
Camphene	5.208	<LOQ	<LOQ	
Caryophyllene Oxide	5.208	<LOQ	<LOQ	
cis-Nerolidol	3.385	<LOQ	<LOQ	
cis-Ocimene	3.385	<LOQ	<LOQ	
δ-3-Carene	5.208	<LOQ	<LOQ	
δ-Limonene	5.208	<LOQ	<LOQ	
Eucalyptol	5.208	<LOQ	<LOQ	
γ-Terpinene	5.208	<LOQ	<LOQ	
Guaiol	5.208	<LOQ	<LOQ	
Isopulegol	5.208	<LOQ	<LOQ	
Linalool	5.208	<LOQ	<LOQ	
p-Cymene	5.208	<LOQ	<LOQ	
trans-Nerolidol	1.823	<LOQ	<LOQ	
trans-Ocimene	1.823	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA

Not Tested

<LOQ
Δ9-THC + Δ8-THC

61.438 mg/unit
CBD

pH: NT
Aw: NT

61.438 mg/unit
Total Cannabinoids

Not Tested
Homogeneity

Compound	LOQ mg/unit	Mass mg/unit	Mass mg/g	Relative Concentration
CBC	1.761	<LOQ	<LOQ	
CBCa	1.761	<LOQ	<LOQ	
CBD	1.761	61.438	2.119	
CBDa	1.761	<LOQ	<LOQ	
CBDV	1.761	<LOQ	<LOQ	
CBDVa	1.761	<LOQ	<LOQ	
CBG	1.761	<LOQ	<LOQ	
CBGa	1.761	<LOQ	<LOQ	
CBL	1.761	<LOQ	<LOQ	
CBN	1.761	<LOQ	<LOQ	
Δ8-THC	1.761	<LOQ	<LOQ	
Δ9-THC	1.761	<LOQ	<LOQ	
THCa	1.761	<LOQ	<LOQ	
THCV	1.761	<LOQ	<LOQ	
THCVa	1.761	<LOQ	<LOQ	

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

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Dr. Kerklaan
THERAPEUTICS



Notes: For sample 8604: changed sample name from "Natural CBD PMS Cream 60mg CBD" to "Natural CBD PMS Cream (1 oz)".



Stacy Gardalen

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Quality Control

Glen Marquez

Glen Marquez
Quality Control



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The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation, NA = Not Analyzed. ND = Not Detected. NR = Not Reported. NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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Natural CBD PMS Cream (1 oz)

Topical, Lotion, Other

Pesticides		Pass		
Analyzed by 300.9 LC/MS/MS and GC/MS/MS				
Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	<LOQ	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Pacllobutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	<LOQ	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials		Not Tested		
Analyzed by 300.1 Plating/QPCR				
Quantitative Analysis	LOQ	Limit	Mass	Status
Qualitative Analysis	Detected or Not Detected			Status

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

Heavy Metals		Pass		
Analyzed by 300.8 ICP/MS				
Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	50	2000	<LOQ	Pass
Cadmium	50	820	<LOQ	Pass
Lead	50	1200	<LOQ	Pass
Mercury	50	400	<LOQ	Pass

Residual Solvents		Pass		
Analyzed by 300.13 GC/FID and GC/MS				
Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	115	500	<LOQ	Pass
Heptanes	115	500	<LOQ	Pass
Propane	115	500	<LOQ	Pass



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