

High Performance Liquid Analytics

111 Westport Plaza Dr. 6th Floor
St. Louis, MO. 63146

Certificate of Analysis

June 15, 2020
Derma Thereal
SAFETY RESULTS

For informational purposes only.

Product Name: Overnight Rejuv. Cream 20MG
Manufacturer: DermaThereal
Type: Topical
Test: Non-Compliance Full-Panel

PRODUCT IMAGE



Sample ID:-T075
Sample Size: 5ml
Retail Product Size: 20mg/30ml/1oz
Ordered : 06/06/20
Sampled : 06/07/20
Completed: 06/15/20
Expires: 06/15/21
Sampling Method: SOP Client Method

PASSED

Page 1 of 5

MISC.

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals	Filth	Water Activity	Moisture	Terpenes
PASSED	PASSED	PASSED	PASSED	PASSED	PASSED	NOT TESTED	NOT TESTED	TESTED

CANNABINOID RESULTS

Total THC
0.0%

Total CBD
.75mg/ml
CBD/Container: 21.04mg

Total Cannabinoids
21.04mg
Total Cannabinoids/Container: 21.04mg

CBC	CBGA	CBG	CBN	THCV	D-8 THC	CBDV	CBDA	CBD	D-9 THC	THCA
ND	ND	ND	ND	ND	ND	ND	0.05	3.51	ND	ND
mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v
ND	ND	ND	ND	ND	ND	ND	0.01	0.70	ND	ND
mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v	mg/v
0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
LOD	LOD	LOD	LOD	LOD	LOD	LOD	LOD	LOD	LOD	LOD

Foreign Matter PASSED

Analyzed By Weight Date LOD(ppm)
ID-710 .25ml. 06/12/20 N/A
Reviewed On - 06/15/20

Instrument Used : Filth/Foreign Material Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products.

Cannabinoid Profile Test

Analyzed By	Weight	Extraction date	Extracted By
ID-710	5ml	06/07/20	ID-710
Reviewed On - 06/15/20			
Instrument Used : HPLA-1100-DAD-#01			
Reagent	Dilution		
030520.03	400		

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV).

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C. Kukowski
LAB DIRECTOR

Signature

06-15-2020
Signed On

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Derma Thereal

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HYghYX

HyfdYbYg`	©8`	l b]hg`	FYgi `hfl L`
5 0<5!798F9B9CÁ	©8` Á	Á Á	bÖÁ
5 0<5!<l AI ©B9`Á	©8` Á	Á Á	bÖÁ
5 0<5!D-B9B9`Á Á	©8` Á	Á Á	bÖÁ
5 0<5!H9FD-B9B9`Á	©8` Á	Á Á	bÖÁ
69H5!AMF79B9`ÁÁ	©8` Á	Á Á	bÖÁ
69H5!D-B9B9`Á	©8` Á	Á Á	bÖÁ
6CFB9C@Á	©8` Á	Á Á	bÖÁ
75AD<9B9`Á	©8` Á	Á Á	bÖÁ
75AD<CFÁ	©8` Á	Á Á	bÖÁ
75FMCD<M@@B9`CL-89`	©8` Á	Á Á	bÖÁ
798FC@Á	©8` Á	Á Á	bÖÁ
5 0<5!6-G56C@C@	©8` Á	Á Á	bÖÁ
G56-B9B9Á	©8` Á	Á Á	bÖÁ
G56-B9B9`<M8F5H9Á	©8` Á	Á Á	bÖÁ
H9FD-B9C@Á	©8` Á	Á Á	bÖÁ
H9FD-BC@B9Á	©8` Á	Á Á	bÖÁ
69H5!75FMCD<M@@B9`	©8` Á	Á Á	bÖÁ
HF5BG!B9FC@8C@Á	©8` Á	Á Á	bÖÁ
Y5@B979B9`Á	©8` Á	Á Á	bÖÁ
DI @; CB9`Á	©8` Á	Á Á	bÖÁ
5 0<5!D<9@@B8F9B9`	©8` Á	Á Á	bÖÁ
C7-A9B9`Á	©8` Á	Á Á	bÖÁ
B9FC@ÁÁ	©8` Á	Á Á	bÖÁ
GB5@C@C@Á	©8` Á	Á Á	bÖÁ
@ACB9B9`Á	©8` Á	Á Á	bÖÁ
; l5<C@Á	©8` Á	Á Á	bÖÁ
; 9F5BM@579H5H9Á	©8` Á	Á Á	bÖÁ
; 9F5B<C@Á	©8` Á	Á Á	bÖÁ
; 5AA5!H9FD-B9B9Á	©8` Á	Á Á	bÖÁ
; 9B7<CB9Á	©8` Á	Á Á	bÖÁ
; 5FB9G9B9`Á	©8` Á	Á Á	bÖÁ

HfYdYbYg'	@C''	I b]hg''	FYgi`hfi`L'
9I 75 @DHC@	9I 75 @DHC@	9I 75 @DHC@	9I 75 @DHC@
=G6CFB9C@	=G6CFB9C@	=G6CFB9C@	=G6CFB9C@
<9L5<M8FCH<MAC@	<9L5<M8FCH<MAC@	<9L5<M8FCH<MAC@	<9L5<M8FCH<MAC@
:9B7<M@5@'C<C@	:9B7<M@5@'C<C@	:9B7<M@5@'C<C@	:9B7<M@5@'C<C@
'!75F9B9	'!75F9B9	'!75F9B9	'!75F9B9
7=GI89FC@8C@	7=GI89FC@8C@	7=GI89FC@8C@	7=GI89FC@8C@
=GCDI @; C@	=GCDI @; C@	=GCDI @; C@	=GCDI @; C@

H9 GH9 8 ' 2

5 bUmnYX'Vmi K Y[| \ i 91 fUWjcb'XUH '91 fUWYX'6 m
 0E F€ F€€ Í Á € B€ B€ 0E F€
 F Yj jYk YX'Cb'€€ €€ €€
 -bgrfi a Ybhl gYX' Ša' a'Qb &€ } AÖÖT ÜÄ ÜG€€

F YU Ybh	8 Ji Hjb`	7 cbgi a g"3`
€FI G€FF	FCÁ	Fì €FFF
€FGG€JFHÁ		G€í HJÍÁ

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06-15-2020

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High Performance Liquid Analytics

111 Westport Plaza Dr. 6th Floor
St. Louis, MO. 63146

Certificate of Analysis

MNG 2005 INC | 1380 Ferguson Ave, Saint Louis, MO
United States 63133

Product Name: Overnight Rejuv. Cream 20MG
Manufacturer: DermaThereal
Type: Topical
Test: Non-Compliance Full-Panel

Sample ID:-T075
Sample Size: 5ml
Retail Product Size: 20mg/30ml/1oz
Ordered : 06/06/20
Sampled : 06/07/20
Completed: 06/15/20
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Sampling Method: SOP Client Method

PASSED

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Pesticides

PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	METHOMYL	0.01	ppm	0.1	ND
ACEPHATE	0.01	ppm	3	ND	METHYL PARATHION	0.005	ppm	0.1	ND
ACEQUINOCYL	0.01	ppm	2	ND	MEVINPHOS	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	3	ND	MYCLOBUTANIL	0.01	ppm	3	ND
ALDICARB	0.01	ppm	0.1	ND	NALED	0.025	ppm	0.5	ND
AZOXYSTROBIN	0.01	ppm	3	ND	OXAMYL	0.05	ppm	0.5	ND
BIFENAZATE	0.01	ppm	3	ND	PACLOBUTRAZOL	0.01	ppm	0.1	ND
BIFENTHRIN	0.01	ppm	0.5	ND	PHOSMET	0.01	ppm	0.2	ND
BOSCALID	0.01	ppm	3	ND	PIPERONYL BUTOXIDE	0.1	ppm	3	ND
CAPTAN	0.07	ppm	3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
CARBARYL	0.05	ppm	0.5	ND	PROPICONAZOLE	0.01	ppm	1	ND
CARBOFURAN	0.01	ppm	0.1	ND	PROPOXUR	0.01	ppm	0.1	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
CHLORFENAPYR	0.01	ppm	0.1	ND	PYRIDABEN	0.02	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND	SPINETORAM	0.02	ppm	3	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	3	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	SPIROTETRAMAT	0.01	ppm	3	ND
COUMAPHOS	0.01	ppm	0.1	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CYFLUTHRIN	0.05	ppm	1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CYPERMETHRIN	0.05	ppm	1	ND	THIACLOPRID	0.01	ppm	0.1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL CONTAMINANT LOAD	0	ppm	20	ND
DICHLORVOS	0.01	ppm	0.1	ND	(PESTICIDES)				
DIMETHOATE	0.01	ppm	0.1	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DIMETHOMORPH	0.02	ppm	3	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
ETHOPROPHOS	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					

Pesticides

PASSED

Analyzed by	Weight	Extraction date	Extracted By
ID-710	1.0501g	06/08/20	ID-710

Reviewed On - 06/15/20
Instrument Used : Liquid Injection GCMS QP2010

Reagent	Dilution	Consums. ID
013120.28	10	180111
031220.R10		280653964
032320.R17		

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Derma Thereal

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Manufacturer: DermaThereal
Type:Topical
Test: Non-Compliance Full-Panel

Sample ID:-T075
Sample Size: 5ml
Retail Product Size:20mg/30ml/1oz
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PASSED

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Residual solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result	Analyzed by	Weight	Extraction date	Extracted By			
						ID-710	0.0294g	06/08/20	ID-710			
1,1-DICHLOROETHENE	1	ppm	8	PASS	ND	Reviewed On - 06/15/20 Instrument Used : Headspace GCMS						
1,2-DICHLOROETHANE	0.18	ppm	2	PASS	ND							
2-PROPANOL	45	ppm	500	PASS	ND							
ACETONE	67.5	ppm	750	PASS	ND							
ACETONITRILE	5.4	ppm	60	PASS	ND	Reagent	Dilution 1	Consums. ID 00279984 161291-1 24154107				
BENZENE	0.09	ppm	1	PASS	ND							
BUTANES (N-BUTANE)	96	ppm	5000	PASS	ND							
CHLOROFORM	0.18	ppm	2	PASS	ND							
DICHLOROMETHANE	3.75	ppm	125	PASS	ND							
ETHANOL	90	ppm	000000	PASS	776.749							
ETHYL ACETATE	36	ppm	400	PASS	ND							
ETHYL ETHER	45	ppm	500	PASS	ND							
ETHYLENE OXIDE	0.6	ppm	5	PASS	ND							
HEPTANE	45	ppm	5000	PASS	ND							
METHANOL	22.5	ppm	250	PASS	ND							
N-HEXANE	4.5	ppm	250	PASS	ND							
PENTANES (N-PENTANE)	67.5	ppm	750	PASS	ND							
PROPANE	120	ppm	5000	PASS	ND							
TOLUENE	13.5	ppm	150	PASS	ND							
TOTAL XYLENES	13.5	ppm	150	PASS	ND							
TRICHLOROETHYLENE	2.25	ppm	25	PASS	ND							

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PASSED

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Mycotoxins PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

Heavy Metals PASSED

Reagent	Dilution
032420.R01	50
031820.R03	
031820.R02	
031920.R01	
111319.02	

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	ppm	ND	.5
CADMIUM	0.02	ppm	ND	0.5
LEAD	0.05	ppm	ND	0.5
MERCURY	0.02	ppm	ND	3

Microbials PASSED

Analyte	Result
ASPERGILLUS_FLAVUS	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_TERREUS	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.
TOTAL_YEAST_AND_MOLD	<100

Reviewed On - 06/15/20
Instrument Used : PathogenDX PCR_Array Scanner,PathogenDX PCR_DA-171

Reviewed On - 06/15/20
Instrument Used : ICPMS-2030 B

Analyzed by	Weight	Extraction date	Extracted By
ID-710	1.0197g	06/07/20	ID-710

Reagent	Dilution	Consums. ID
		181019-274

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

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