



Treadwell Farms

190 Mary Street, Umatilla, FL 32784
(352) 771-2318

600mg Hydro Lotion

Laboratory ID: KH21018-01
Sample Matrix: Lotion
Batch Unit Size: 1 g
Label Claim (mg): THC: -- | CBD: -- | CBN: --

Sample Date: 08/21/26
Received: 08/21/26 14:59
Completed: 08/26/26 19:20
Description: --

POTENCY SUMMARY

Total CBD
1.25% (12.5 mg)

Total THC
<LOQ%

Total Cannabinoids
1.26% (12.6 mg)

Analyte	%	mg
CBD	1.25	12.5
CBN	0.00639	0.0639
CBC	<LOQ	<LOQ
CBDa	<LOQ	<LOQ
CBDV	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
delta 9-THC	<LOQ	<LOQ
THCa	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Total Terpenes
0.424%

Analyte	%
1,8-Cineole (Eucalyptol)	0.0848
Menthol	0.0508
beta-Myrcene	0.0454
beta-Caryophyllene	0.0379
alpha-Humulene	0.0332
alpha-Pinene	0.0301
d-Limonene	0.0295
(+)-Pulegone	0.0291
Terpinolene	0.0240
alpha-Terpineol	0.0177

ANALYSIS SUMMARY

Potency (0.3%)	PASS	Homogeneity	Not Tested	Terpenes	Completed
Residual Solvents	Not Tested	% Moisture	Not Tested	Water Activity	Not Tested
Foreign Matter	PASS	Pesticides	PASS	Mycotoxins	PASS
Heavy Metals	PASS	Microbials	PASS	Label Claim (± 10%)	Not Applicable

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LOQ = Limit of Quantification

ND = Non-Detect

RPD = Relative Percent Difference

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

600mg Hydro Lotion

Laboratory ID: KH21018-01

Sample Matrix: Lotion

Description: --

Sample Date: 8/21/2026

Received: 08/21/26 14:59

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Potency by HPLC

Batch: B6H2130
SOP: MCS-SOP-002

Prep By: 1044
Prep On: 8/21/26 20:00

Ana. By: 1057
Ana. On: 8/22/26 14:24

Initial (g): 0.2019
Final (g): 10

Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (%)	Result	Diln	Reg. Limit	MDL	PQL
Total THC	ND	1	0.3	0.000639	0.00495	Total CBD	1.25	10		0.00976	0.0495
delta 8-THC	ND	1		0.000312	0.00495	delta 9-THC	ND	1	0.3	0.000342	0.00495
THCa	ND	1		0.000337	0.00495	THCV	ND	1		0.000723	0.00495
CBD	1.25	10		0.00649	0.0495	CBDa	ND	1		0.000406	0.00495
CBDV	ND	1		0.000446	0.00495	CBC	ND	1		0.00150	0.00495
CBG	ND	1		0.000312	0.00495	CBGa	ND	1		0.000317	0.00495
CBN	0.00639	1		0.000376	0.00495						

Terpene Screen by GC/MS

Batch: B6H2141
SOP: MCS-SOP-004

Prep By: 1005
Prep On: 8/24/26 12:23

Ana. By: 1005
Ana. On: 8/25/26 17:52

Initial (g): 0.1033
Final (g): 10

Analyte (%)	Result	Diln	MDL	PQL	Analyte (%)	Result	Diln	MDL	PQL
alpha-Pinene	0.0301	1	0.00484	0.00968	Camphene	ND	1	0.00484	0.00968
beta-Pinene	0.0119	1	0.00484	0.00968	3-Carene	ND	1	0.00484	0.00968
alpha-Terpinene	ND	1	0.00484	0.00968	Camphor	0.0171	1	0.00484	0.00968
d-Limonene	0.0295	1	0.00484	0.00968	1,8-Cineole (Eucalyptol)	0.0848	1	0.00484	0.00968
gamma-Terpinene	ND	1	0.00484	0.00968	Terpinolene	0.0240	1	0.00484	0.00968
Isopulegol	ND	1	0.00484	0.00968	Linalool	ND	1	0.00484	0.00968
Geraniol	ND	1	0.00484	0.00968	beta-Caryophyllene	0.0379	1	0.00484	0.00968
alpha-Humulene	0.0332	1	0.00484	0.00968	cis-Nerolidol	ND	1	0.00484	0.00968
Caryophyllene oxide	ND	1	0.00484	0.00968	(+/-)-Fenchone	ND	1	0.00484	0.00968
(+/-)-Borneol	ND	1	0.00484	0.00968	(+)-Pulegone	0.0291	1	0.00484	0.00968
Cedrol	ND	1	0.00484	0.00968	Geranyl Acetate	ND	1	0.00484	0.00968
alpha-Bisabolol	ND	1	0.00484	0.00968	alpha-Phellandrene	ND	1	0.00484	0.00968
alpha-Terpineol	0.0177	1	0.00484	0.00968	Nerol	ND	1	0.00484	0.00968
Sabinene	0.0121	1	0.00484	0.00968	Valencene	ND	1	0.00484	0.00968
beta-Myrcene	0.0454	1	0.00484	0.00968	Sabinene Hydrate	ND	1	0.00484	0.00968
alpha-Cedrene	ND	1	0.00484	0.00968	Fenchyl Alcohol	ND	1	0.00484	0.00968
Guaiol	ND	1	0.00484	0.00968	trans-Nerolidol	ND	1	0.00484	0.00968
Isoborneol	ND	1	0.00484	0.00968	Ocimene, Total	ND	1	0.00484	0.00968
gamma-Terpineol	ND	1	0.00484	0.00968	Menthol	0.0508	1	0.00484	0.00968

Foreign Matter

Batch: B6H2154
SOP: MCS-SOP-G01

Prep By: 1048
Prep On: 8/21/26 15:32

Ana. By: 1044
Ana. On: 8/22/26 17:15

Initial (g): 1
Final (g): 1

Analyte (P/A)	Result	Diln	Reg. Limit	MDL	PQL
Foreign Matter	Absent	1	1	1.00	1.00

600mg Hydro Lotion

Laboratory ID: KH21018-01
Sample Matrix: Lotion
Description: --

Sample Date: 8/21/2026
Received: 08/21/26 14:59
Completed: 08/26/26 19:20

Pesticides by LC-QQQ

Batch: B6H2137
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 8/21/26 20:30

Ana. By: 1067
Ana. On: 8/26/26 01:54

Initial (g): 0.1002
Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Abamectin, Total	ND	10	300	24.5	49.9	Acephate	ND	10	3000	19.5	49.9
Acequinocyl	ND	10	2000	23.3	49.9	Acetamiprid	ND	10	3000	30.2	49.9
Aldicarb	ND	10	100	25.7	49.9	Azoxystrobin	ND	10	3000	6.51	25.0
Bifenazate	ND	10	3000	7.34	49.9	Bifenthrin	ND	10	500	18.8	49.9
Boscalid	ND	10	3000	36.4	49.9	Chlorpyrifos	ND	10	100	8.83	25.0
Carbaryl	ND	10	500	14.4	49.9	Carbofuran	ND	10	100	4.57	12.5
Chlorantraniliprole	ND	10	3000	10.2	125	Chlormequat chloride	ND	10	3000	70.5	49.9
Clofentezine	ND	10	500	29.8	49.9	Coumaphos	ND	10	100	8.96	25.0
Cyfluthrin	ND	10	1000	53.3	200	Cypermethrin	ND	10	1000	22.7	125
Daminozide	ND	10	100	142	49.9	Diazinon	ND	10	200	6.38	25.0
Dichlorvos	ND	10	100	11.6	49.9	Dimethoate	ND	10	100	2.57	12.5
Dimethomorph, Total	ND	10	3000	4.99	49.9	Ethoprophos	ND	10	100	4.72	49.9
Etofenprox	ND	10	100	25.4	49.9	Etoazole	ND	10	1500	30.7	49.9
Fenhexamid	ND	10	3000	10.8	49.9	Fenoxycarb	ND	10	100	9.36	25.0
Fenpyroximate	ND	10	2000	11.0	49.9	Fipronil	ND	10	100	49.3	49.9
Flonicamid	ND	10	2000	13.8	49.9	Fludioxonil	ND	10	3000	21.9	49.9
Hexythiazox	ND	10	2000	11.7	49.9	Imazalil	ND	10	100	45.9	49.9
Imidacloprid	ND	10	3000	34.5	99.8	Kresoxim-Methyl	ND	10	1000	15.8	49.9
Malathion	ND	10	2000	21.4	49.9	Metalaxyl	ND	10	3000	8.93	49.9
Methiocarb	ND	10	100	23.6	49.9	Methomyl	ND	10	100	8.83	25.0
Mevinphos	ND	10	100	18.5	49.9	Myclobutanil	ND	10	3000	32.6	49.9
Dibrom (Naled)	ND	10	500	12.0	49.9	Oxamyl	ND	10	500	4.66	12.5
Paclobutrazol	ND	10	100	24.4	49.9	Permethrin	ND	10	1000	32.6	49.9
Phosmet	ND	10	200	18.3	49.9	Piperonyl butoxide	ND	10	3000	11.6	49.9
Prallethrin	ND	10	400	11.0	49.9	Propiconazole (Tilt)	ND	10	1000	35.8	49.9
Pyridaben	ND	10	3000	12.5	49.9	Pyrethrins, Total	ND	10	1000	21.9	49.9
Spinetoram, Total	ND	10	3000	23.4	49.9	Spiromesifen	ND	10	3000	4.47	12.5
Spirotetramat	ND	10	3000	13.3	49.9	Spiroxamine	ND	10	100	13.6	49.9
Tebuconazole	ND	10	1000	37.9	49.9	Thiacloprid	ND	10	100	28.8	49.9
Thiamethoxam	ND	10	1000	31.8	99.8	Trifloxystrobin	ND	10	3000	12.1	49.9
Baygon (Propoxur)	ND	10	100	10.9	49.9	Spinosad, Total	ND	10	3000	8.86	36.2

Pesticides by GC-QQQ

Batch: B6H2137
SOP: MCS-SOP-001a

Prep By: 1005
Prep On: 8/21/26 20:30

Ana. By: 1040
Ana. On: 8/26/26 01:13

Initial (g): 0.1002
Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Pentachloronitrobenzene (quintozene)	ND	5	200	34.2	74.9	Methyl parathion	ND	5	100	17.1	49.9
Chlordane, Total	ND	5	100	38.9	49.9	Chlorfenapyr	ND	5	100	43.5	49.9

Mycotoxins by LC-QQQ

Batch: B6H2137
SOP: MCS-SOP-001b

Prep By: 1005
Prep On: 8/21/26 20:30

Ana. By: 1067
Ana. On: 8/25/26 16:26

Initial (g): 0.1002
Final (g): 5

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Aflatoxin, Total	ND	10	20	20.0	20.0	Ochratoxin A	ND	10	20	8.63	20.0
Aflatoxin G2	ND	10		14.9	20.0	Aflatoxin G1	ND	10		13.2	20.0
Aflatoxin B2	ND	10		18.3	20.0	Aflatoxin B1	ND	10		17.1	20.0

600mg Hydro Lotion

Laboratory ID: KH21018-01
Sample Matrix: Lotion
Description: --

Sample Date: 8/21/2026
Received: 08/21/26 14:59
Completed: 08/26/26 19:20

Total Metals by ICP-MS

Batch: B6H2146
SOP: MCS-SOP-I01

Prep By: 1005
Prep On: 8/24/26 09:15

Ana. By: 1005
Ana. On: 8/24/26 14:06

Initial (g): 0.2523
Final (g): 25

Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (ug/kg)	Result	Diln	Reg. Limit	MDL	PQL
Arsenic	ND	1	1500	19.8	99.1	Cadmium	ND	1	500	19.8	99.1
Lead	ND	1	500	49.5	248	Mercury	ND	1	3000	19.8	49.5

Microbials by qPCR

Batch: B6H2159
SOP: MCS-SOP-M01

Prep By: 1005
Prep On: 8/22/26 11:00

Ana. By: 1053
Ana. On: 8/23/26 16:10

Initial (g): 1.0001
Final (g): 2.4

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL	Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Aspergillus flavus	Absent	1	1	1.00	1.00	Aspergillus fumigatus	Absent	1	1	1.00	1.00
Aspergillus niger	Absent	1	1	1.00	1.00	Aspergillus terreus	Absent	1	1	1.00	1.00
Aspergillus Total	Absent	1	1	1.00	1.00	Salmonella	Absent	1	1	1.00	1.00
Shiga Toxin E.coli	Absent	1	1	1.00	1.00						

Quantitative Microbials by qPCR

Batch: B6H2160
SOP: MCS-SOP-M01

Prep By: 1053
Prep On: 8/22/26 14:04

Ana. By: 1053
Ana. On: 8/22/26 15:17

Initial (g): 1.0006
Final (g): 7

Analyte (CFU)	Result	Diln	Reg. Limit	MDL	PQL
Yeast & Mold	Absent	1	100000	1000	1000