



# Certificate of Analysis

Sample: DE40213007-006

Batch#: CO HEMP/7500

Seed to Sale# 1A4000B00010D25000004447

Sample Size Received: 5 gram

Total Amount: 5 gram

Ordered: 02/13/24

Sampled: 02/13/24

Completed: 03/05/24

**PASSED**

Mar 05, 2024 | Peak Therapeutics

License # 405R-00011

2037 Aster Lane,  
Lafayette, CO, 80026



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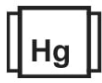
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
NOT TESTED



Mycotoxins  
NOT TESTED



Residuals Solvents  
NOT TESTED



Filtration  
NOT TESTED



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Homogeneity Testing  
NOT TESTED

MISC.



Terpenes  
**TESTED**

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**Stephen Goldman**

Lab Director

State License # 405R-00011

405-00008

ISO 17025 Accreditation # 4331.01



Signature

03/05/24



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**Peak Therapeutics**

2037 Aster Lane,  
Lafayette, CO, 80026  
Telephone: 9703680865  
Email: Dan@ptcbd.net  
License # : 405R-00011

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Sample Method : SOP Client Method

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## Terpenes

**TESTED**

Terpenes	LOD (%)	mg/g	%	Result (%)	Terpenes	LOD (%)	mg/g	%	Result (%)
ALPHA-BISABOLOL	0.0020	10.499	1.0499		<b>Analyzed by:</b> 2813, 2791, 3313 <b>Weight:</b> 0.13g <b>Extraction date:</b> 02/15/24 15:15:42 <b>Extracted by:</b> 1642,2813 <b>Analysis Method :</b> SOP-067 (R0) <b>Analytical Batch :</b> DE007279TER <b>Instrument Used :</b> GC 6890 <b>Analyzed Date :</b> 02/16/24 09:58:03 <b>Reviewed On :</b> 02/16/24 10:30:11 <b>Batch Date :</b> 02/15/24 13:16:57 <b>Dilution :</b> 40 <b>Reagent :</b> 021324.R09 <b>Consumables :</b> 2214520075; HWK-TP3ML; 2014919; 00341517-6; 303122060; 060623CH01 <b>Pipette :</b> N/A Terpenoid profile screening is performed by GC-FID with liquid injection via SOP-067 (R0) which can screen for 28 terpenes.				
BETA-CARYOPHYLLENE	0.0020	5.615	0.5615						
GUAIOL	0.0020	2.651	0.2651						
CARYOPHYLLENE OXIDE	0.0020	2.393	0.2393						
ALPHA-HUMULENE	0.0020	1.987	0.1987						
NEROLIDOL	0.0020	0.807	0.0807						
2-ETHYL-FENCHOL	0.0020	ND	ND						
3-CARENE	0.0020	ND	ND						
BISABOLENE	0.0020	ND	ND						
BORNEOL	0.0020	ND	ND						
CAMPHENE	0.0020	ND	ND						
EUCALYPTOL	0.0020	ND	ND						
GERANIOL	0.0020	ND	ND						
ISOPULEGOL	0.0020	ND	ND						
LIMONENE	0.0020	ND	ND						
LINALOOL	0.0020	ND	ND						
MENTHOL	0.0020	ND	ND						
OCIMENE	0.0020	ND	ND						
PULEGONE	0.0020	ND	ND						
TERPINOLENE	0.0020	ND	ND						
ALPHA-PINENE	0.0020	ND	ND						
ALPHA-TERPINENE	0.0020	ND	ND						
ALPHA-TERPINEOL	0.0020	ND	ND						
BETA-MYRCENE	0.0020	ND	ND						
BETA-PINENE	0.0020	ND	ND						
GAMMA-TERPINENE	0.0020	ND	ND						
P-CYMENE	0.0020	ND	ND						
<b>Total (%)</b>			2.3950						

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Lab Director  
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Completed : 03/05/24 Expires: 03/05/25  
Sample Method : SOP Client Method

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## Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.0139	ppb	100	PASS	ND	HEXYTHIAZOX	0.1977	ppb	10	PASS	ND
AZOXYSTROBIN	0.1122	ppb	20	PASS	ND	KRESOXIM-METHYL	0.5115	ppb	150	PASS	ND
BIFENAZATE	0.3285	ppb	20	PASS	ND	METHIOCARB	2.3105	ppb	10	PASS	ND
BIFENTHRIN	0.3469	ppb	1000	PASS	15.7682	METHOMYL	0.3790	ppb	25	PASS	ND
BOSCALID	0.3057	ppb	20	PASS	ND	METHOPRENE	0.4892	ppb	2000	PASS	ND
CARBARYL	0.3165	ppb	50	PASS	ND	MEVINPHOS	0.0432	ppb	25	PASS	ND
CHLORPYRIFOS	0.2889	ppb	40	PASS	ND	MGK-264	0.1438	ppb	50	PASS	ND
CLOTHIANIDIN	0.5370	ppb	50	PASS	ND	NALED	0.4305	ppb	100	PASS	ND
CYHALOTHRIN-LAMBDA	1.8598	ppb	250	PASS	ND	NOVALURON	0.2164	ppb	25	PASS	ND
DICHLORVOS	0.9888	ppb	100	PASS	ND	PHOSMET	0.2483	ppb	20	PASS	ND
DIMETHOATE	0.2585	ppb	20	PASS	ND	OXAMYL	0.3760	ppb	1500	PASS	ND
DINOTEFURAN	0.4004	ppb	100	PASS	ND	PIPERONYL BUTOXIDE	0.3284	ppb	1250	PASS	298.6692
DIURON	0.7923	ppb	125	PASS	ND	PACLOBUTRAZOL	1.4227	ppb	10	PASS	ND
ETOXAZOLE	0.1839	ppb	20	PASS	ND	PIRIMICARB	0.3458	ppb	10	PASS	ND
IMAZALIL	0.4019	ppb	50	PASS	ND	PHENOTHRIN	0.3060	ppb	50	PASS	ND
IMIDACLOPRID	0.2650	ppb	20	PASS	ND	PRALLETHRIN	0.6623	ppb	50	PASS	ND
MALATHION	0.3036	ppb	20	PASS	ND	PROPOXUR	0.7835	ppb	10	PASS	ND
METALAXYL	0.2756	ppb	20	PASS	ND	PRYACLOSTROBIN	0.2379	ppb	10	PASS	ND
MYCLOBUTANIL	0.4417	ppb	20	PASS	ND	PYRETHRINS	0.1810	ppb	50	PASS	ND
PERMETHRINS	0.2109	ppb	500	PASS	ND	PYRIDABEN	0.2980	ppb	20	PASS	ND
PROPICONAZOLE	0.5658	ppb	100	PASS	17.4457	RESMETHRIN	0.2008	ppb	50	PASS	ND
PYRIPROXYFEN	0.8551	ppb	10	PASS	ND	SPINETORAM	0.1177	ppb	10	PASS	ND
SPINOSADS	0.0545	ppb	100	PASS	ND	SPIRODICLOFEN	0.1830	ppb	250	PASS	ND
SPIROMESIFEN	0.2912	ppb	3000	PASS	ND	SPIROXAMINE	0.3745	ppb	100	PASS	ND
SPIROTETRAMAT	0.4266	ppb	20	PASS	ND	TEBUFENOZIDE	0.2154	ppb	10	PASS	ND
TEBUCONAZOLE	0.3302	ppb	50	PASS	ND	TEFLUBENZURON	0.4437	ppb	25	PASS	ND
THIABENDAZOLE	0.8056	ppb	20	PASS	ND	TETRACHLORVINPHOS	0.1330	ppb	10	PASS	ND
THIAMETHOXAM	0.3232	ppb	20	PASS	ND	TETRAMETHRIN	0.2380	ppb	100	PASS	ND
ACEPHATE	0.2755	ppb	50	PASS	ND	THIACLOPRID	0.3999	ppb	10	PASS	ND
ACEQUINOCLY	0.2707	ppb	30	PASS	ND	THIOPHANATE-METHYL	1.2413	ppb	50	PASS	ND
ACETAMIPRID	0.2250	ppb	50	PASS	ND	TRIFLOXYSTROBIN	0.1938	ppb	10	PASS	ND
ALDICARB	0.4206	ppb	500	PASS	ND	CHLORPHENAPYR	0.4120	ppb	1500	PASS	ND
ALLETHRIN	0.3601	ppb	100	PASS	ND	ENDOSULFAN SULFATE	0.4196	ppb	2500	PASS	ND
ATRAZINE	1.0640	ppb	25	PASS	ND	ENDOSULFAN-ALPHA	0.5956	ppb	2500	PASS	ND
AZADIRACHTIN	1.1979	ppb	500	PASS	ND	ENDOSULFAN-BETA	0.5555	ppb	2500	PASS	ND
BENZOVINDIFLUPYR	0.3651	ppb	10	PASS	ND	ETRIDIAZOLE	1.2221	ppb	150	PASS	ND
BUPROFEZIN	0.3000	ppb	20	PASS	ND	FENTHION	0.3118	ppb	10	PASS	ND
CARBOFURAN	0.3317	ppb	10	PASS	ND	IPRODIONE	0.2738	ppb	500	PASS	ND
CHLORANTRANILIPROLE	0.4629	ppb	20	PASS	ND	KINOPRENE	1.7294	ppb	1250	PASS	ND
CLOFENTHIZINE	0.3505	ppb	10	PASS	ND	PARATHION-METHYL	0.2709	ppb	50	PASS	ND
COUMAPHOS	0.2529	ppb	10	PASS	ND	QUINTOZENE	0.2693	ppb	20	PASS	ND
CYANTRANILIPROLE	0.5411	ppb	10	PASS	ND	OTHER PESTICIDES	0.1000	ppb	100	PASS	ND
CYFLUTHRIN	0.6072	ppb	200	PASS	ND						
CYPERMETHRIN	0.3065	ppb	300	PASS	ND						
CYPRODINIL	0.4377	ppb	10	PASS	ND						
DAMINOZIDE	4.9907	ppb	100	PASS	<-14.9720						
DELTA METHRIN	0.8431	ppb	500	PASS	ND						
DIAZINON	0.2055	ppb	20	PASS	ND						
DIMETHOMORPH	0.1014	ppb	50	PASS	ND						
DODEMORPH	0.2713	ppb	50	PASS	ND						
ETHOPROPHOS	0.4738	ppb	10	PASS	ND						
FIPRONIL	0.2707	ppb	10	PASS	ND						
ETOFENPROX	0.4114	ppb	50	PASS	ND						
FENHEXAMID	0.9450	ppb	125	PASS	ND						
FENYOXYCARB	0.4316	ppb	20	PASS	ND						
FENPROXIMATE	0.3098	ppb	20	PASS	ND						
FENSULFOTHION	0.3684	ppb	10	PASS	ND						
FENVALERATE	0.5416	ppb	100	PASS	ND						
FLONICAMID	0.3493	ppb	25	PASS	ND						
FLUDIOXONIL	0.2632	ppb	10	PASS	ND						
FLUOPYRAM	0.3817	ppb	10	PASS	ND						

Analyzed by: 1642, 2319, 2, 3313 Weight: 0.201g Extraction date: 02/15/24 12:58:00 Extracted by: 2319  
 Analysis Method : SOP-060 (R5)  
 Analytical Batch : 02E007268PES  
 Instrument Used : Sciex 7500 Qtrap "Hades" - Pesticides  
 Dilution : 20  
 Reagent : 011624.R12; 021324.R13; 021224.R34; 060123.01; 031323.14; 012324.R28; 020324.R05; 100223.R16; 091123.R17  
 Consumables : 2214520075; 2014919; 00344593-5; 0000179471; 303122060; 060623CH01  
 Pipette : N/A  
 Analyzed Date : 02/16/24 13:12:29  
 Reviewed On : 03/03/24 13:13:41  
 Batch Date : 02/14/24 17:17:41

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).

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Signature  
03/05/24



879 Federal Blvd  
Denver, CO, 80204, US  
(303) 427-2379

Kaycha Labs

HF1791  
Matrix : Concentrate  
Type: Hash-Oil



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Hg		Heavy Metals			PASSED	
Metal	LOD	Units	Result	Pass / Fail	Action Level	
ARSENIC	0.0048	ppm	ND	PASS	0.2	
CADMIUM	0.0016	ppm	ND	PASS	0.2	
MERCURY	0.0008	ppm	ND	PASS	0.1	
LEAD	0.0039	ppm	ND	PASS	0.5	
<b>Analyzed by:</b> 2992, 666, 2791, 3313		<b>Weight:</b> 0.2091g	<b>Extraction date:</b> 02/14/24 10:14:51		<b>Extracted by:</b> 2992	
<b>Analysis Method :</b> SOP.T.40.081.CO			<b>Reviewed On :</b> 02/15/24 09:24:03			
<b>Analytical Batch :</b> DE007254HEA			<b>Batch Date :</b> 02/12/24 13:35:35			
<b>Instrument Used :</b> Shimadzu 2030 ICP-MS "RUMPEL"			<b>Analyzed Date :</b> 02/14/24 11:25:04			
<b>Dilution :</b> 50						
<b>Reagent :</b> 013024.R06; 092623.01; 020124.R02; 021224.R02; 021224.R01; 031323.14; 091823.01; 021224.R08; 011624.04						
<b>Consumables :</b> 23133; 11922032; 060623CH01; 234422						
<b>Pipette :</b> P10- MU13938; HEA-19H16763						

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen to below single digit ppb concentrations for regulated heavy metals using method SOP.T.40.081.CO. Sample preparation for Heavy Metals Analysis via SOP.T.30.081.CO.

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