



# Certificate of Analysis

Sample: DE31207009-001  
Harvest/Lot ID: GP021523/H062923,  
GP022723/H060723, GP032223/H081023,  
GP060623/H092123  
Batch#: PA-GP5102423  
Seed to Sale# 1A400090001EE27000000438  
Batch Date: 12/06/23  
Sample Size Received: 9 gram  
Ordered: 12/07/23  
Sampled: 12/07/23  
Completed: 12/12/23

**PASSED**

Dec 12, 2023 | Palisade Apothecary LTD

License # 404-00543

125 Peach Ave  
Palisade, CO, 81526, US

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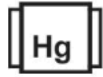
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
NOT TESTED



Mycotoxins  
NOT TESTED



Residuals Solvents  
**PASSED**



Filtration  
NOT TESTED



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Homogeneity Testing  
NOT TESTED

MISC.



Terpenes  
NOT TESTED



**Cannabinoid**

**PASSED**



Total THC  
**63.1068%**



Total CBD  
**2.2331%**



Total Cannabinoids  
**75.4720%**

	TOTAL 918 TSI-MHC	CBDV	CBDVA	CBG	CBD	CBDa	THCV	CBGA	CBN	EXO-THC	CBDc	DS-THC	DS-THC	CSL	THCVA	CBG	D10-THC	CBNA	THCA	CBGA	CBLA	THC-O-ACE TATE
%	ND	ND	ND	ND	ND	2.5464	ND	0.5471	0.1721	ND	ND	4.6939	ND	ND	0.2291	0.1603	ND	0.5177	66.6054	ND	ND	ND
mg/g	ND	ND	ND	ND	ND	25.464	ND	5.471	1.721	ND	ND	46.939	ND	ND	2.291	1.603	ND	5.177	666.054	ND	ND	ND
LOD	0.0100	0.0015	0.0010	0.0021	0.0014	0.0014	0.0012	0.0003	0.0013	0.0025	0.0148	0.0012	0.0023	0.0052	0.0014	0.0010	0.0021	0.0018	0.0019	0.0001	0.0010	0.0004
%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2319, 2950, 2813, 2, 2080

Weight:  
0.112g

Extraction date:  
12/07/23 17:13:53

Extracted by:  
2319

Analysis Method : SOP.T.40.039.CO  
Analytical Batch : DE006870POT  
Instrument Used : Agilent 1100 "Falcon"  
Analyzed Date : 12/08/23 12:46:08

Reviewed On : 12/11/23 09:22:34  
Batch Date : 12/07/23 11:10:02

Dilution : 200  
Reagent : 103023.R03; 111623.R09; 120723.R11; 120623.R10  
Consumables : 2210521482; 2014919; 00336569; 0000179471; 303122060; 060623CH01; 41141-130C4-130D; 61572-107C6-107H  
Pipette : POT- 20E73244; POT- 20E74976; POT- 20K63477; P1000 - 20B29164-A; P200- 6507768

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP.T.90.010.CO for reporting. Lower limit of linearity for all cannabinoids is 1 mg/L.

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**Stephen Goldman**  
Lab Director

State License # 405R-00011  
405-00008  
ISO 17025 Accreditation # 4331.01



Signature  
12/12/23



# Certificate of Analysis

**PASSED**

Palisade Apothecary LTD


 125 Peach Ave  
 Palisade, CO, 81526, US  
 Telephone: (970) 986-9216  
 Email: tyler@coloweedery.com  
 License #: 404-00543

Sample : DE31207009-001

 Harvest/Lot ID: GP021523/H062923, GP022723/H060723,  
 GP032223/H081023, GP060623/H092123

 Batch#: PA-GPS102423      Sample Size Received : 9 gram  
 Sampled : 12/07/23      Completed : 12/12/23 Expires: 12/12/24  
 Ordered : 12/07/23      Sample Method : SOP Client Method

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 <b>Pesticides</b>						<b>PASSED</b>					
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.0139	ppb	100	PASS	ND	Analyzed by: 2319, 2, 2080 Weight: 0.2015g Extraction date: 12/07/23 19:31:55 Extracted by: 2319					
AZOXYSTROBIN	0.1122	ppb	20	PASS	ND						
BIFENAZATE	0.3285	ppb	20	PASS	ND	Analysis Method : SOP-060 (R5) Analytical Batch : DE006869PES Instrument Used : Sciex 7500 Qtrap "Hades" - Pesticides Analyzed Date : 12/11/23 14:41:21 Dilution : 20 Reagent : 092523.R19; 102023.R08; 060123.01; 120623.R06; 052923.01; 111623.R04; 120623.R04; 100223.R16; 091123.R17 Consumables : 2210521482; 2014919; 00339105-4; 0000179471; 303122060; 060623CH01 Pipette : PES- 20A00461; PES- 20E74965 Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides via SOP-060 (R5).					
BIFENTHRIN	0.3469	ppb	1000	PASS	ND						
BOSCALID	0.3057	ppb	20	PASS	ND						
CARBARYL	0.3165	ppb	50	PASS	ND						
CHLORPYRIFOS	0.2889	ppb	40	PASS	ND						
CLOTHIANIDIN	0.5370	ppb	50	PASS	ND						
CYHALOTHRIN-LAMBDA	1.8598	ppb	250	PASS	ND						
DICHLORVOS	0.9888	ppb	100	PASS	ND						
DIMETHOATE	0.2585	ppb	20	PASS	ND						
DINOTEFURAN	0.4004	ppb	100	PASS	ND						
DIURON	0.7923	ppb	125	PASS	ND						
ETOXAZOLE	0.1839	ppb	20	PASS	ND						
IMAZALIL	0.4019	ppb	50	PASS	ND						
IMIDACLOPRID	0.2650	ppb	20	PASS	ND						
MALATHION	0.3036	ppb	20	PASS	ND						
METALAXYL	0.2756	ppb	20	PASS	ND						
MYCLOBUTANIL	0.4417	ppb	20	PASS	ND						
PERMETHRINS	0.2109	ppb	500	PASS	ND						
PROPICONAZOLE	0.5658	ppb	100	PASS	ND						
PYRIPROXYFEN	0.8551	ppb	10	PASS	ND						
SPINOSADS	0.0545	ppb	100	PASS	ND						
SPIROMESIFEN	0.2912	ppb	3000	PASS	ND						
SPIROTETRAMAT	0.4266	ppb	20	PASS	ND						
TEBUCONAZOLE	0.3302	ppb	50	PASS	ND						
THIABENDAZOLE	0.8056	ppb	20	PASS	ND						
THIAMETHOXAM	0.3232	ppb	20	PASS	ND						
OTHER PESTICIDES	0.1000	ppb	100	PASS	ND						

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**Stephen Goldman**  
 Lab Director

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 ISO 17025 Accreditation # 4331.01



 Signature  
 12/12/23



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

**Kaycha Labs**

PA Bulk Wax Gary Payton Sugar Wax  
GP021523/H062923, GP022723/H060723, GP032223/H081023, GP060623/H092123  
Matrix : Concentrate  
Type: Other



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## Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
PROPANE	4.2142	ppm	1000	PASS	ND
BUTANES	5.4680	ppm	1000	PASS	ND
METHANOL	1.2786	ppm	600	PASS	ND
PENTANES	6.6710	ppm	1000	PASS	ND
ETHANOL	2.7010	ppm	1000	PASS	ND
ACETONE	1.7080	ppm	1000	PASS	5.9848
2-PROPANOL	1.5875	ppm	1000	PASS	27.8731
HEXANES	1.9279	ppm	60	PASS	ND
ETHYL ACETATE	2.7921	ppm	1000	PASS	ND
BENZENE	0.4749	ppm	2	PASS	ND
HEPTANE	3.2594	ppm	1000	PASS	ND
TOLUENE	2.1088	ppm	180	PASS	ND
XYLENES	7.1150	ppm	430	PASS	ND

Analyzed by: 2494, 666, 2813, 2080	Weight: 0.1248g	Extraction date: 12/09/23 16:02:29	Extracted by: 2494
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Analysis Method : SOP.T.40.049.CO Analytical Batch : DE006881SOL Instrument Used : GC 5890 Analyzed Date : 12/09/23 16:24:44	Reviewed On : 12/10/23 17:24:48 Batch Date : 12/09/23 12:46:50
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Dilution : 1  
 Reagent : 111823.R01; 112223.R25  
 Consumables : 23133; R2017.100; G201.100; 61572-107C6-107H  
 Pipette : P10- MU13938; P1000- 22C52450

Residual solvents screening is performed using GCwhich can detect below single digit ppm concentrations. Currently we analyze for 15 Residual solvents.

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**Kaycha Labs**



PA Bulk Wax Gary Payton Sugar Wax  
GP021523/H062923, GP022723/H060723, GP032223/H081023, GP060623/H092123  
Matrix : Concentrate  
Type: Other

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Batch# : PA-GPS102423      Sample Size Received : 9 gram  
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Hg		Heavy Metals		PASSED	
Metal	LOD	Units	Result	Pass / Fail	Action Level
ARSENIC	0.0048	ppm	<0.0144	PASS	0.2
CADMIUM	0.0016	ppm	0.0348	PASS	0.2
MERCURY	0.0008	ppm	ND	PASS	0.1
LEAD	0.0039	ppm	0.3547	PASS	0.5
Analyzed by: 2992, 2494, 2, 2080		Weight: 0.2329g	Extraction date: 12/08/23 12:52:41	Extracted by: 2992	
Analysis Method : SOP.T.40.081.CO			Reviewed On : 12/11/23 08:25:34		
Analytical Batch : DE006873HEA			Batch Date : 12/08/23 08:48:24		
Instrument Used : Shimadzu 2030 ICP-MS "RUMPEL"					
Analyzed Date : 12/08/23 13:00:40					
Dilution : 50					
Reagent : 041723.04; 120523.R07; 120623.R05; 120623.R06; 052923.01; 091823.04; 120523.R01; 112223.01; 120823.R01; 120823.R03					
Consumables : 23133; 11922032; 060623CH01; 234422					
Pipette : P10- MU13938; P200- 8516758; 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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