



# Certificate of Analysis

Sample: LA40916006-004  
Batch/Lot/Production Run#: POLPR601SL  
Laboratory License # 69204305475717257553  
Retail Product Size: 30 gram  
Retail Serving Size: 1 gram  
Servings: 1  
Ordered: 09/13/24  
Sampled: 09/16/24  
Completed: 09/20/24






Sep 20, 2024 | Pacific Roots LLC  
License # CBD

**PASSED**




Pages 1 of 5

**SAFETY RESULTS**

 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>PASSED</b>	 FiltH <b>PASSED</b>	 Water Activity NOT TESTED	 Moisture NOT TESTED	 Homogeneity Testing NOT TESTED	 Terpenes NOT TESTED
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1 unit = 1 container Personal Lubricant - Oil Based, 30 g

 **Cannabinoid** **PASSED**

 <b>Total THC</b> <b>0.0114%</b> Total THC/Container : 3.4200 mg	 <b>Total CBD</b> <b>0.3944%</b> Total CBD/Container : 118.3200 mg	 <b>Total Cannabinoids</b> <b>0.4775%</b> Total Cannabinoids/Container : 143.2490 mg
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	TOTAL CAN NABINOIDS	CBDV	CBDA	CBGA	CBG	CBD	THCV	CBN	D9-THC	D8-THC	CBC	THCA
%	0.4775	0.0028	<LOQ	<LOQ	0.0626	0.3944	<LOQ	0.0053	0.0114	<LOQ	0.0010	<LOQ
mg/g	4.775	0.028	<LOQ	<LOQ	0.626	3.944	<LOQ	0.053	0.114	<LOQ	0.010	<LOQ
LOQ	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
%	%	%	%	%	%	%	%	%	%	%	%	%

Analyzed by: 1525, 1878, 2008	Weight: 2.914g	Extraction date: 09/18/24 11:14:37	Extracted by: 1525
Analysis Method : SOP.T.30.031.NV; SOP.T.40.031.NV		Reviewed On : 09/19/24 21:54:55	
Analytical Batch : LA006537POT		Batch Date : 09/16/24 18:00:12	
Instrument Used : LV-SHIM-002			
Analyzed Date : N/A			

Dilution : 40  
Reagent : 120723.25; 080124.05; 060624.06; 082123.17; 082924.R05; 082724.R10  
Consumables : 20220103; 258638; 1009097331; 265084  
Pipette : LV-PIP-015; LV-PIP-008; LV-PIP-023

Cannabinoid analysis utilizing Ultra High Performance Liquid Chromatography with UV Detection (UHPLC-UV). Method SOP.T.30.031.NV for sample preparation and SOP.T.40.031.NV for analysis. Total THC = d8-THC + d9-THC + 0.877 \* THCA, Total CBD = CBD + 0.877 \* CBDA

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**Kelly Zaugg**  
Lab Director

State License # L003  
ISO 17025 Accreditation # ISO/IEC  
17025:2017: 97164



Signature  
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## Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ABAMECTIN	0.05	ppm	0.0001	PASS	<LOQ	PENTACHLORONITROBENZENE (PCNB) *	0.05	ppm	0.8	PASS	<LOQ
ACEQUINOCYL	0.05	ppm	4	PASS	<LOQ	<b>Analyzed by:</b> 888, 879, 1878, 2008 <b>Weight:</b> NA <b>Extraction date:</b> N/A <b>Extracted by:</b> 888 <b>Analysis Method :</b> SOP.T.30.101.NV; SOP.T.40.101.NV <b>Analytical Batch :</b> LA006543PES <b>Reviewed On :</b> 09/19/24 01:52:58 <b>Instrument Used :</b> Shimadzu LCMS-8060 <b>Batch Date :</b> 09/17/24 12:28:43 <b>Analyzed Date :</b> 09/17/24 12:42:03 <b>Dilution :</b> 5 <b>Reagent :</b> 081624.R08; 081624.R07; 091224.R01; 082124.R15 <b>Consumables :</b> N/A <b>Pipette :</b> LV-PIP-019; LV-PIP-040; LV-PIP-041; LV-PIP-034; LV-PIP-020 Pesticide screening is performed using LC-MS (Liquid Chromatography with Mass Spectrometry Detection) for regulated pesticides following SOP.T.30.101.NV and SOP.T.40.101.NV.					
BIFENAZATE	0.05	ppm	0.4	PASS	<LOQ	<b>Analyzed by:</b> 879, 1878, 2008 <b>Weight:</b> NA <b>Extraction date:</b> N/A <b>Extracted by:</b> 888 <b>Analysis Method :</b> SOP.T.30.151.NV; SOP.T.40.151.NV <b>Analytical Batch :</b> LA006557VOL <b>Reviewed On :</b> 09/19/24 01:54:40 <b>Instrument Used :</b> N/A <b>Batch Date :</b> 09/18/24 15:58:12 <b>Analyzed Date :</b> N/A <b>Dilution :</b> 5 <b>Reagent :</b> 081624.R08; 081624.R07; 091224.R01; 082124.R15 <b>Consumables :</b> N/A <b>Pipette :</b> LV-PIP-019; LV-PIP-040; LV-PIP-041; LV-PIP-034; LV-PIP-020 Pesticide screening is performed using GC (Gas Chromatography with Mass Spectrometry Detection) for regulated pesticides following SOP.T.30.151.NV and SOP.T.40.151.NV.					
BIFENTHRIN	0.05	ppm	0.0001	PASS	<LOQ						
CYFLUTHRIN	0.05	ppm	2	PASS	<LOQ						
CYPERMETHRIN	0.05	ppm	0.0001	PASS	<LOQ						
DAMINOZIDE	0.05	ppm	0.0001	PASS	<LOQ						
DIMETHOMORPH	0.05	ppm	2	PASS	<LOQ						
ETOXAZOLE	0.05	ppm	0.4	PASS	<LOQ						
FENHEXAMID	0.05	ppm	1	PASS	<LOQ						
FENOXYCARB	0.05	ppm	0.0001	PASS	<LOQ						
FLONICAMID	0.05	ppm	1	PASS	<LOQ						
FLUDIOXONIL	0.05	ppm	0.5	PASS	<LOQ						
IMIDACLOPRID	0.05	ppm	0.5	PASS	<LOQ						
MYCLOBUTANIL	0.05	ppm	0.4	PASS	<LOQ						
PIPERONYL BUTOXIDE	0.05	ppm	3	PASS	<LOQ						
PACLOBUTRAZOL	0.05	ppm	0.0001	PASS	<LOQ						
PYRETHRINS	0.05	ppm	2	PASS	<LOQ						
SPINETORAM	0.05	ppm	1	PASS	<LOQ						
SPINOSAD	0.05	ppm	1	PASS	<LOQ						
SPIROTETRAMAT	0.05	ppm	1	PASS	<LOQ						
THIAMETHOXAM	0.05	ppm	0.4	PASS	<LOQ						
TRIFLOXYSTROBIN	0.05	ppm	1	PASS	<LOQ						

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**Kelly Zaugg**

Lab Director

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Residual Solvents		PASSED			
Solvents	LOQ	Units	Action Level	Pass/Fail	Result
PROPANE	100.0000	ppm	499.5	PASS	<LOQ
BUTANES	100.0000	ppm	499.5	PASS	<LOQ
HEPTANE	100.0000	ppm	499.5	PASS	<LOQ
ETHANOL	100.0000	ppm		TESTED	<LOQ

Analyzed by: 880, 889, 879, 2008	Weight: 0.0156g	Extraction date: 09/17/24 16:55:38	Extracted by: 880
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Analysis Method : SOP.T.40.041.NV	Reviewed On : 09/19/24 01:53:25
Analytical Batch : LA006547SOL	Batch Date : 09/17/24 16:50:21
Instrument Used : LV-GCMS-001	
Analyzed Date : 09/17/24 16:58:28	

Dilution : N/A  
 Reagent : 062420.02; 082123.32; 053023.05  
 Consumables : N/A  
 Pipette : 25C, Hamilton Gastight syringe, 25uL; GT6, Hamilton Gastight Syringe, 10 ul

Residual solvent screening is performed by Headspace Gas Chromatography with Mass spectrometry following SOP.T.40.041.NV.

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
Sample : LA40916006-004

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 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
STEC			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.01	ppm	<LOQ	PASS	0.02
SALMONELLA			Not Present	PASS		OCHRATOXIN A	0.01	ppm	<LOQ	PASS	0.02
ENTEROBACTERIACEAE	100	cfu/g	<LOQ	PASS	999	<b>Analyzed by:</b> 879, 1878, 2008 <b>Weight:</b> NA <b>Extraction date:</b> N/A <b>Extracted by:</b> 888					
YEAST AND MOLD	1000	cfu/g	<LOQ	PASS	9999	<b>Analysis Method :</b> SOP.T.30.101.NV; SOP.T.40.101.NV <b>Analytical Batch :</b> LA006558MYC <b>Reviewed On :</b> 09/19/24 01:54:35 <b>Instrument Used :</b> N/A <b>Batch Date :</b> 09/18/24 15:58:16 <b>Analyzed Date :</b> N/A					
<b>Analyzed by:</b> 888, 1878, 879, 2008 <b>Weight:</b> 1.0202g <b>Extraction date:</b> 09/18/24 17:50:26 <b>Extracted by:</b> 888 <b>Analysis Method :</b> SOP.T.40.058.FL; SOP.T.40.059B <b>Analytical Batch :</b> LA006533MIC <b>Reviewed On :</b> 09/19/24 23:30:39 <b>Instrument Used :</b> LV-PCR-004 (Pathogen Dx MiniAmp Thermal Cycler) <b>Batch Date :</b> 09/16/24 14:13:18 <b>Analyzed Date :</b> N/A <b>Dilution :</b> N/A <b>Reagent :</b> 011023.06 <b>Consumables :</b> 61869-236C6-236; WO4129; WO4068; WO3895; WO3882; 042c6; 251697; 258638 <b>Pipette :</b> LV-PIP-021; LV-PIP-046; LV-PIP-049; LV-PIP-050; LV-PIP-051; LV-PIP-060; LV-PIP-006	Total Aflatoxins B1, B2, G1, G2, and Ochratoxin A screening are performed by LC/MS/MS following SOP.T.30.101.NV and SOP.T.40.101.NV.										
 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>											
Element	LOQ	Units	Result	Pass / Fail	Action Level						
ARSENIC	0.167	ppm	<LOQ	PASS	2						
CADMIUM	0.167	ppm	<LOQ	PASS	0.82						
LEAD	0.167	ppm	<LOQ	PASS	1.2						
MERCURY	0.167	ppm	<LOQ	PASS	0.4						
<b>Analyzed by:</b> 889, 879, 1878, 2008 <b>Weight:</b> 0.467g <b>Extraction date:</b> 09/19/24 20:19:35 <b>Extracted by:</b> 889,879 <b>Analysis Method :</b> SOP.T.30.081.NV; SOP.T.40.081.NV <b>Analytical Batch :</b> LA006548HEA <b>Reviewed On :</b> 09/19/24 20:31:15 <b>Instrument Used :</b> ICPMS-2 Shimadzu <b>Batch Date :</b> 09/17/24 17:10:22 <b>Analyzed Date :</b> 09/19/24 15:37:02 <b>Dilution :</b> 50 <b>Reagent :</b> 112322.09; 081123.02; 072224.06; 010120.01 <b>Consumables :</b> 1008897304; 1009097331 <b>Pipette :</b> LV-PIP-001; LV-PIP-041	Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometry) using method SOP.T.30.081.NV and SOP.T.40.081.NV.										

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	<b>Filth/Foreign Material</b>	<b>PASSED</b>
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Analyte	LOQ	Units	Result	P/F	Action Level
<b>Filth and Foreign Material</b>		detect/g	<LOQ	<b>PASS</b>	0.001

<b>Analyzed by:</b> N/A	<b>Weight:</b> NA	<b>Extraction date:</b> N/A	<b>Extracted by:</b> N/A
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**Analysis Method :** SOP.T.40.090.NV  
**Analytical Batch :** N/A  
**Instrument Used :** N/A  
**Analyzed Date :** N/A  
**Reviewed On :** 09/19/24 01:52:50  
**Batch Date :** N/A

**Dilution :** N/A  
**Reagent :** N/A  
**Consumables :** N/A  
**Pipette :** N/A

Samples are visually screened for foreign matter (hair, insects, packaging materials, etc.). For flower, stems >3 mm in diameter may only make up <5% of the sample.

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