

# Certificate of Analysis

Produced: Mar 30, 2026

Sample: P&B National: Soft Gels: 60ct 60mg (Concentrate) • Client: Papa & Barkley CBD • Batch: Pass



**Batch No.:** 25 0242  
**Matrix:** Concentrate  
**Sample ID:** ICC-260327-35-003  
**Collected on:** Mar 27, 2026  
**Received on:** Mar 27, 2026  
**Batch Size:** 3 Units  
**Sample Size:**  
**Package Size:** 55.85 g  
**Serving Size:** 0.93 g

Batch Result: **Pass**

<b>Potency</b>	Tested	<b>Mycotoxins</b>	Pass
<b>Solvents</b>	Pass	<b>Pesticides</b>	Pass
<b>Metals</b>	Pass	<b>Foreign</b>	Pass
<b>Microbial</b>	Pass		

### Cannabinoid Overview

<b>Total THC:</b>	<b>1.60 mg/srv</b>
<b>Total CBD:</b>	<b>65.7 mg/srv</b>
<b>Total Cannabinoids:</b>	<b>72.4 mg/srv</b>
<b>Sum of Cannabinoids:</b>	<b>72.4 mg/srv</b>

## POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Expanded Potency • Mar 30, 2026 16:03:00 PDT

Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (mg/srv)	Amt (mg/pkg)	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	2.71	163	0.291	2.91	0.119/0.356	N/A	CBN	0.199	12.0	0.0214	0.214	0.0410/0.180	N/A
CBCA			ND	ND	0.167/0.500	N/A	CBNA			ND	ND	0.0611/0.183	N/A
CBCV			ND	ND	0.0515/0.180	N/A	CBT			ND	ND	0.0515/0.180	N/A
CBD	65.7	3940	7.06	70.6	0.0363/0.180	N/A	Δ <sup>8</sup> -THC			ND	ND	0.0291/0.180	N/A
CBDA			ND	ND	0.0868/0.260	N/A	Δ <sup>9</sup> -THC	1.60	96.1	0.172	1.72	0.0480/0.180	N/A
CBDV	0.699	42.0	0.0752	0.752	0.0288/0.180	N/A	THCA			ND	ND	0.0660/0.198	N/A
CBDVA			ND	ND	0.0943/0.283	N/A	THCV			ND	ND	0.0222/0.180	N/A
CBG	1.55	93.3	0.167	1.67	0.0410/0.180	N/A	THCVA			ND	ND	0.0718/0.216	N/A
CBGA			ND	ND	0.0640/0.192	N/A	<b>Total THC**</b>	1.60	96.1	0.172	1.72		N/A
CBL			ND	ND	0.0283/0.180	N/A	<b>Total CBD**</b>	65.7	3940	7.06	70.6		N/A
CBLA			ND	ND	0.393/1.18	N/A	<b>Total Cannabinoids**</b>	72.4	4350	7.79	77.9		N/A

\*\* Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids \* 0.877)

\*\* Total THC = Delta-9-THC + (THCA x 0.877)

\*\* Total CBD = CBD + (CBDA x 0.877)

NR= Not Reported, ND= Not Detected, \*Reported by Dry Mass\*; \*analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope\*

\*Density tested at a temperature range between 19-24 °C, \*Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.



**RS-INST-003, RS-PREP-001: RS-INST-003, RS-PREP-001: Residual Solvents by GC-MS • Mar 30, 2026 14:16:00 PDT**

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
1,2-Dichloroethane	1	ND	0.166/0.507	Pass	Hexane	290	ND	0.0658/0.280	Pass
Acetone	5000	ND	17.0/51.1	Pass	Isopropyl alcohol	5000	ND	1.28/3.83	Pass
Acetonitrile	410	ND	0.120/0.358	Pass	Methanol	3000	ND	2.96/8.89	Pass
Benzene	1	ND	0.0209/0.0637	Pass	Methylene chloride	1	ND	0.127/0.727	Pass
Butane	5000	ND	0.968/4.83	Pass	Pentane	5000	ND	0.959/4.26	Pass
Chloroform	1	ND	0.0359/0.108	Pass	Propane	5000	ND	4.42/13.3	Pass
Ethanol	5000	ND	2.61/7.82	Pass	Toluene	890	< LOQ	0.0877/0.861	Pass
Ethyl acetate	5000	ND	0.312/2.28	Pass	Trichloroethylene	1	ND	0.0179/0.145	Pass
Ethylene oxide	1	ND	0.153/0.577	Pass	o-Xylene	ND	ND	0.100/0.854	N/A
Ethyl ether	5000	ND	1.18/3.54	Pass	p- and m-Xylene	ND	ND	0.115/1.71	N/A
Heptane	5000	9.39	0.685/2.85	Pass	Total xylenes	2170	ND	0.100/0.855	Pass

**HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Mar 30, 2026 13:16:00 PDT**

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	0.2	ND	0.00300/0.00900	Pass	Lead	0.5	0.0394	0.00100/0.00400	Pass
Cadmium	0.2	ND	0.00100/0.00200	Pass	Mercury	0.1	ND	0.00500/0.0140	Pass

**MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable) • Mar 30, 2026 18:38:00 PDT**

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Aspergillus flavus	Any amt in 1 gram	ND	Pass	Aspergillus terreus	Any amt in 1 gram	ND	Pass
Aspergillus fumigatus	Any amt in 1 gram	ND	Pass	Salmonella spp.	Any amt in 1 gram	ND	Pass
Aspergillus niger	Any amt in 1 gram	ND	Pass	Shiga toxin-producing E. coli	Any amt in 1 gram	ND	Pass

**PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Mar 30, 2026 14:09:00 PDT**

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	2.96/8.98	N/A	Aflatoxin G2		ND	2.07/6.26	N/A
Aflatoxin B2		ND	3.36/10.2	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	1.73/5.25	N/A	Ochratoxin A	20	ND	4.41/13.4	Pass

**PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Mar 30, 2026 10:42:00 PDT**

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	0.7	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0602/0.181	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.1	ND	0.0182/0.0545	Pass
Cyfluthrin	2	ND	0.0186/0.0558	Pass					

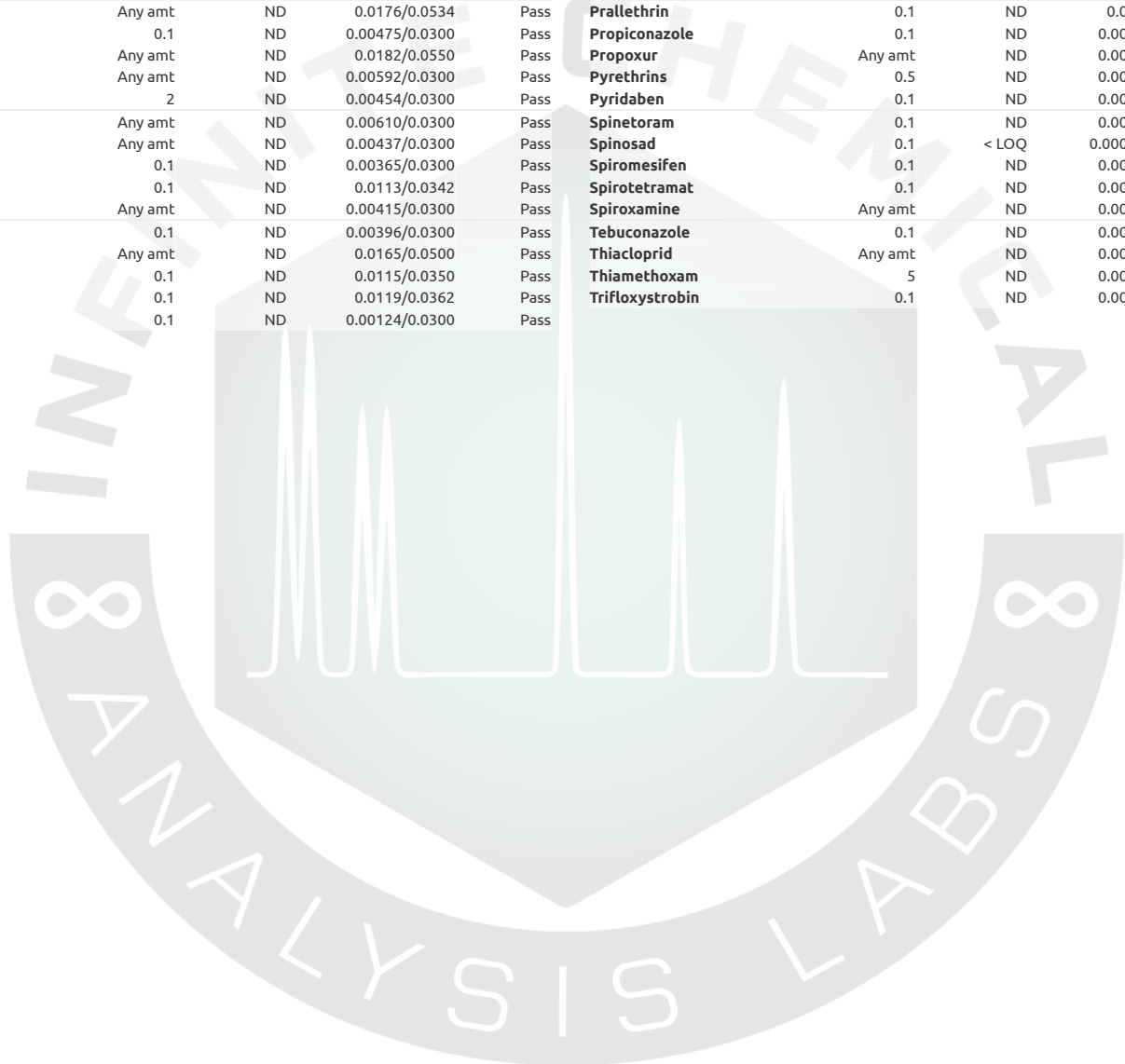


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*Erik Paulson*

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Mar 30, 2026 14:10:00 PDT

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.1	ND	0.0500/0.100	Pass	Imazalil	Any amt	ND	0.00898/0.0300	Pass
Acephate	0.1	ND	0.00743/0.0300	Pass	Imidacloprid	5	ND	0.0109/0.0331	Pass
Acequinocyl	0.1	ND	0.0150/0.0456	Pass	Kresoxim-methyl	0.1	ND	0.00708/0.0300	Pass
Acetamiprid	0.1	ND	0.00496/0.0300	Pass	Malathion	0.5	ND	0.00313/0.0300	Pass
Aldicarb	Any amt	ND	0.00838/0.0300	Pass	Metalaxyl	2	ND	0.00467/0.0300	Pass
Azoxystrobin	0.1	ND	0.00530/0.0300	Pass	Methiocarb	Any amt	ND	0.00245/0.0300	Pass
Bifenazate	0.1	ND	0.00706/0.0300	Pass	Methomyl	1	ND	0.00879/0.0300	Pass
Bifenthrin	3	ND	0.00439/0.0300	Pass	Mevinphos	Any amt	ND	0.00772/0.0300	Pass
Boscalid	0.1	ND	0.00809/0.0300	Pass	Myclobutanil	0.1	ND	0.00707/0.0300	Pass
Carbaryl	0.5	ND	0.00604/0.0300	Pass	Naled	0.1	ND	0.00849/0.0300	Pass
Carbofuran	Any amt	ND	0.00538/0.0300	Pass	Oxamyl	0.5	ND	0.00746/0.0300	Pass
Chlorantraniliprole	10	ND	0.00883/0.0300	Pass	Paclobutrazol	Any amt	ND	0.00851/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.0152/0.0460	Pass	Permethrin	0.5	ND	0.00190/0.0300	Pass
Clofentezine	0.1	ND	0.00206/0.0300	Pass	Phosmet	0.1	ND	0.00511/0.0300	Pass
Coumaphos	Any amt	ND	0.00393/0.0300	Pass	Piperonylbutoxide	3	ND	0.00267/0.0300	Pass
Daminozide	Any amt	ND	0.0176/0.0534	Pass	Prallethrin	0.1	ND	0.0235/0.0711	Pass
Diazinon	0.1	ND	0.00475/0.0300	Pass	Propiconazole	0.1	ND	0.00909/0.0300	Pass
Dichlorvos	Any amt	ND	0.0182/0.0550	Pass	Propoxur	Any amt	ND	0.00780/0.0300	Pass
Dimethoate	Any amt	ND	0.00592/0.0300	Pass	Pyrethrins	0.5	ND	0.00278/0.0300	Pass
Dimethomorph	2	ND	0.00454/0.0300	Pass	Pyridaben	0.1	ND	0.00231/0.0300	Pass
Ethoprophos	Any amt	ND	0.00610/0.0300	Pass	Spinetoram	0.1	ND	0.00119/0.0300	Pass
Etofenprox	Any amt	ND	0.00437/0.0300	Pass	Spinosad	0.1	< LOQ	0.000830/0.0300	Pass
Etoxazole	0.1	ND	0.00365/0.0300	Pass	Spiromesifen	0.1	ND	0.00894/0.0300	Pass
Fenhexamid	0.1	ND	0.0113/0.0342	Pass	Spirotetramat	0.1	ND	0.00808/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00415/0.0300	Pass	Spiroxamine	Any amt	ND	0.00555/0.0300	Pass
Fenpyroximate	0.1	ND	0.00396/0.0300	Pass	Tebuconazole	0.1	ND	0.00605/0.0300	Pass
Fipronil	Any amt	ND	0.0165/0.0500	Pass	Thiacloprid	Any amt	ND	0.00506/0.0300	Pass
Fonicamid	0.1	ND	0.0115/0.0350	Pass	Thiamethoxam	5	ND	0.00760/0.0300	Pass
Fludioxonil	0.1	ND	0.0119/0.0362	Pass	Trifloxystrobin	0.1	ND	0.00293/0.0300	Pass
Hexythiazox	0.1	ND	0.00124/0.0300	Pass					



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