

Certificate of Analysis

Produced: Apr 03, 2026

Sample: P&B National: Soft Gels: 60ct 30mg (Concentrate) • **Client:** Papa & Barkley CBD • **Batch:** Pass



Batch No.: 26 0118
Matrix: Concentrate
Sample ID: ICC-260327-35-001
Collected on: Mar 27, 2026
Received on: Mar 27, 2026
Batch Size: 3 Units
Sample Size:
Package Size: 58.58 g
Serving Size: 0.98 g

Batch Result: Pass

Potency	Tested	Mycotoxins	Pass
Solvents	Pass	Pesticides	Pass
Metals	Pass	Foreign	Pass
Microbial	Pass		

Cannabinoid Overview

Total THC:	1.17 mg/srv
Total CBD:	33.7 mg/srv
Total Cannabinoids:	37.5 mg/srv
Sum of Cannabinoids:	37.5 mg/srv

POT-INST-005, POT-PREP-001: POT-INST-005, POT-PREP-001: Expanded Potency • Mar 30, 2026 09:29:00 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	1.37	82.0	0.140	1.40	0.121/0.363	N/A	CBN			< 1 mg/g	< LOQ	0.0418/0.184	N/A
CBCA			ND	ND	0.170/0.510	N/A	CBNA			ND	ND	0.0624/0.187	N/A
CBCV			ND	ND	0.0525/0.184	N/A	CBT			ND	ND	0.0525/0.184	N/A
CBD	33.7	2020	3.44	34.4	0.0370/0.184	N/A	Δ ⁸ -THC			ND	ND	0.0297/0.184	N/A
CBDA			ND	ND	0.0886/0.266	N/A	Δ ⁹ -THC	1.17	69.7	0.119	1.19	0.0490/0.184	N/A
CBDV	0.382	22.8	0.0390	0.390	0.0294/0.184	N/A	THCA			ND	ND	0.0674/0.202	N/A
CBDVA			ND	ND	0.0963/0.289	N/A	THCV			ND	ND	0.0227/0.184	N/A
CBG	0.912	54.5	0.0931	0.931	0.0418/0.184	N/A	THCVA			ND	ND	0.0733/0.220	N/A
CBGA			ND	ND	0.0653/0.196	N/A	Total THC**	1.17	69.7	0.119	1.19		N/A
CBL			ND	ND	0.0289/0.184	N/A	Total CBD**	33.7	2020	3.44	34.4		N/A
CBLA			ND	ND	0.401/1.20	N/A	Total Cannabinoids**	37.5	2240	3.83	38.3		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	2.96/8.88	Pass
Benzene	1	ND	0.0209/0.0637	Pass	Methylene chloride	1	ND	0.127/0.726	Pass
Butane	5000	ND	0.967/4.83	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	2.60/7.81	Pass	Toluene	890	< LOQ	0.0877/0.861	Pass
Ethyl acetate	5000	ND	0.312/2.28	Pass	Trichloroethylene	1	ND	0.0179/0.144	Pass
Ethylene oxide	1	ND	0.152/0.577	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	ND	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	0.0379	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

PESTMICO-LC-INST-004, PESTMICO-LC-PREP-001: PESTMICO-LC-INST-004, PESTMICO-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					

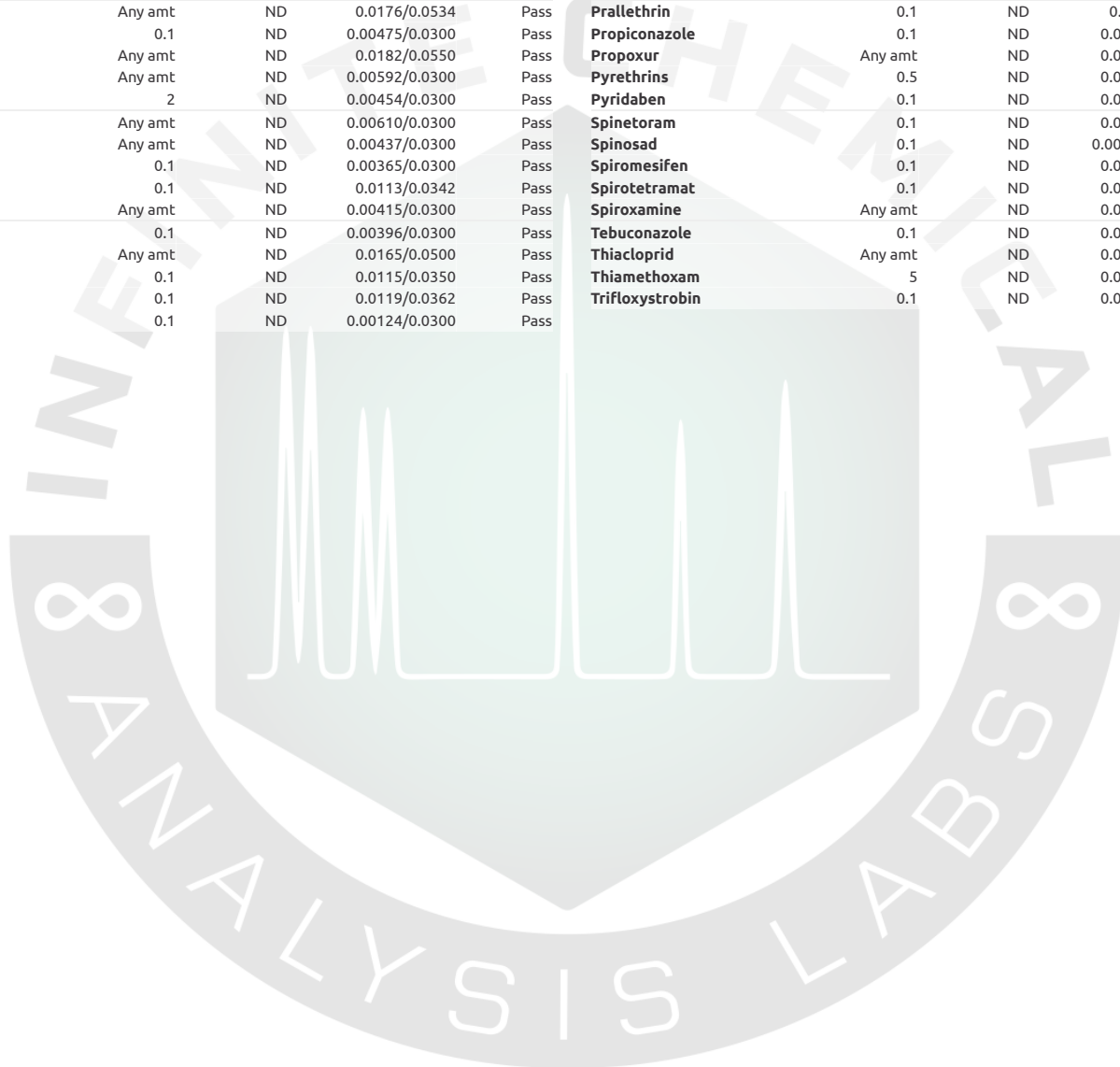


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PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Mar 30, 2026 14:10:00 PDT

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	ND	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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