

Certificate of Analysis

Produced: Apr 20, 2026

Sample: P&B National: Tincture: 30mg 30mL Natural (Tincture) • Client: Papa & Barkley CBD • Batch: Pass



Batch No.: C6110
Matrix: Tincture
Density: 0.94068 g/ml
Sample ID: ICC-260417-38-003
Collected on: Apr 17, 2026
Received on: Apr 17, 2026
Batch Size: 3 Units
Sample Size:
Package Size: 28.35 g

Batch Result: Pass

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

Cannabinoid Overview

Δ⁹-THC:	14.3 mg/pkg
CBD:	919 mg/pkg
Total Cannabinoids:	1010 mg/pkg
Sum of Cannabinoids:	1010 mg/pkg

POT-INST-005: POT-INST-005: Potency • Apr 20, 2026 13:23:00 PDT

Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail	Analyte	Amt (mg/pkg)	Amt (%)	Amt (mg/ml)	LOD/LOQ (mg/ml)	Pass/Fail
CBC	47.6	0.168	1.58	0.0232/0.0697	N/A	CBT	3.97	0.0140	0.132	0.0101/0.0352	N/A
CBD	919	3.24	30.5	0.00710/0.0352	N/A	Δ ⁸ -THC		ND	ND	0.00569/0.0352	N/A
CBDA		ND	ND	0.0170/0.0510	N/A	Δ ⁹ -THC	14.3	0.0506	0.476	0.00940/0.0352	N/A
CBDV	5.90	0.0208	0.196	0.00563/0.0352	N/A	THCA		ND	ND	0.0129/0.0388	N/A
CBG	13.6	0.0480	0.452	0.00802/0.0352	N/A	THCV		ND	ND	0.00435/0.0352	N/A
CBGA		ND	ND	0.0125/0.0376	N/A	Total THC**	14.3	0.0506	0.476		N/A
CBL		ND	ND	0.00554/0.0352	N/A	Total CBD**	919	3.24	30.5		N/A
CBN	8.05	0.0284	0.267	0.00802/0.0352	N/A	Total Cannabinoids**	1010	3.57	33.6		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 • Apr 20, 2026 19:20:00 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	1.41/4.29	Pass	Hexane	290	ND	0.556/2.37	Pass
Acetone	5000	ND	144/432	Pass	Isopropyl alcohol	5000	< LOQ	10.8/32.4	Pass
Acetonitrile	410	ND	1.01/3.03	Pass	Methanol	3000	ND	25.1/75.2	Pass
Benzene	1	ND	0.177/0.539	Pass	Methylene chloride	1	ND	1.07/6.14	Pass
Butane	5000	ND	8.18/40.9	Pass	Pentane	5000	ND	8.11/36.0	Pass
Chloroform	1	ND	0.303/0.910	Pass	Propane	5000	ND	37.4/112	Pass
Ethanol	5000	ND	22.0/66.1	Pass	Toluene	890	ND	0.742/7.28	Pass
Ethyl acetate	5000	ND	2.64/19.3	Pass	Trichloroethylene	1	ND	0.152/1.22	Pass
Ethylene oxide	1	ND	1.29/4.88	Pass	o-Xylene	ND	ND	0.849/7.22	N/A
Ethyl ether	5000	ND	9.97/29.9	Pass	p- and m-Xylene	ND	ND	0.973/14.5	N/A
Heptane	5000	ND	5.79/24.1	Pass	Total xylenes	2170	ND	0.850/7.23	Pass

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Apr 20, 2026 12:29:00 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	1.5	ND	0.00300/0.00900	Pass	Lead	0.5	< LOQ	0.00100/0.00400	Pass
Cadmium	0.5	ND	0.00100/0.00200	Pass	Mercury	3	ND	0.00500/0.0140	Pass

MICRO-008, MICRO-INST-001, MICRO-PREP-001: MICRO-008, MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (noninhalable) • Apr 20, 2026 17:33:00 PDT

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Salmonella spp.	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 • Apr 20, 2026 15:55:00 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	2.05/6.20	N/A	Aflatoxin G2		ND	1.02/5.00	N/A
Aflatoxin B2		ND	1.63/5.00	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	1.77/5.38	N/A	Ochratoxin A	20	ND	5.42/16.4	Pass

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Apr 20, 2026 16:13:00 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	5	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0145/0.0435	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	0.2	ND	0.0182/0.0545	Pass
Cyfluthrin	1	ND	0.0186/0.0558	Pass					

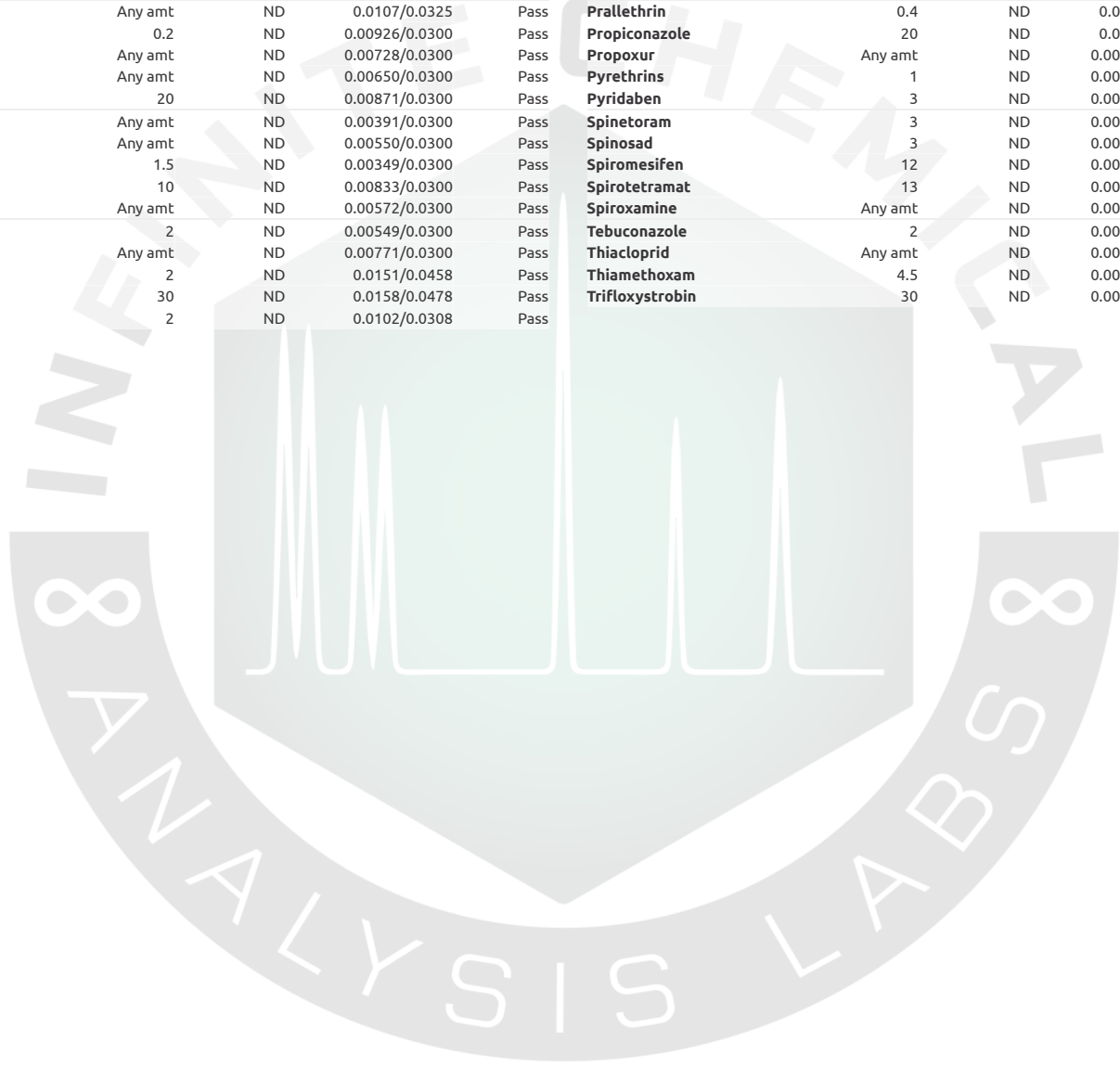


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PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Apr 20, 2026 15:56:00 PDT

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	0.3	ND	0.0500/0.100	Pass	Imazalil	Any amt	ND	0.00863/0.0300	Pass
Acephate	5	ND	0.0209/0.0635	Pass	Imidacloprid	3	ND	0.00861/0.0300	Pass
Acequinocyl	4	ND	0.0115/0.0347	Pass	Kresoxim-methyl	1	ND	0.00703/0.0300	Pass
Acetamiprid	5	ND	0.00581/0.0300	Pass	Malathion	5	ND	0.00485/0.0300	Pass
Aldicarb	Any amt	ND	0.00935/0.0300	Pass	Metalaxyl	15	ND	0.00340/0.0300	Pass
Azoxystrobin	40	ND	0.00322/0.0300	Pass	Methiocarb	Any amt	ND	0.00542/0.0300	Pass
Bifenazate	5	ND	0.00473/0.0300	Pass	Methomyl	0.1	ND	0.00645/0.0300	Pass
Bifenthrin	0.5	ND	0.00583/0.0300	Pass	Mevinphos	Any amt	ND	0.0105/0.0319	Pass
Boscalid	10	ND	0.00747/0.0300	Pass	Myclobutanil	9	ND	0.00735/0.0300	Pass
Carbaryl	0.5	ND	0.00404/0.0300	Pass	Naled	0.5	ND	0.00459/0.0300	Pass
Carbofuran	Any amt	ND	0.00239/0.0300	Pass	Oxamyl	0.2	ND	0.00850/0.0300	Pass
Chlorantraniliprole	40	ND	0.00563/0.0300	Pass	Paclobutrazol	Any amt	ND	0.00577/0.0300	Pass
Chlorpyrifos	Any amt	ND	0.00807/0.0300	Pass	Permethrin	20	ND	0.00178/0.0300	Pass
Clofentezine	0.5	ND	0.00464/0.0300	Pass	Phosmet	0.2	ND	0.00527/0.0300	Pass
Coumaphos	Any amt	ND	0.00463/0.0300	Pass	Piperonylbutoxide	8	ND	0.00635/0.0300	Pass
Daminozide	Any amt	ND	0.0107/0.0325	Pass	Prallethrin	0.4	ND	0.0180/0.0546	Pass
Diazinon	0.2	ND	0.00926/0.0300	Pass	Propiconazole	20	ND	0.0124/0.0375	Pass
Dichlorvos	Any amt	ND	0.00728/0.0300	Pass	Propoxur	Any amt	ND	0.00524/0.0300	Pass
Dimethoate	Any amt	ND	0.00650/0.0300	Pass	Pyrethrins	1	ND	0.00192/0.0300	Pass
Dimethomorph	20	ND	0.00871/0.0300	Pass	Pyridaben	3	ND	0.00547/0.0300	Pass
Ethoprophos	Any amt	ND	0.00391/0.0300	Pass	Spinetoram	3	ND	0.00295/0.0300	Pass
Etofenprox	Any amt	ND	0.00550/0.0300	Pass	Spinosad	3	ND	0.00275/0.0300	Pass
Etoxazole	1.5	ND	0.00349/0.0300	Pass	Spiromesifen	12	ND	0.00540/0.0300	Pass
Fenhexamid	10	ND	0.00833/0.0300	Pass	Spirotetramat	13	ND	0.00648/0.0300	Pass
Fenoxycarb	Any amt	ND	0.00572/0.0300	Pass	Spiroxamine	Any amt	ND	0.00264/0.0300	Pass
Fenpyroximate	2	ND	0.00549/0.0300	Pass	Tebuconazole	2	ND	0.00895/0.0300	Pass
Fipronil	Any amt	ND	0.00771/0.0300	Pass	Thiacloprid	Any amt	ND	0.00177/0.0300	Pass
Fonicamid	2	ND	0.0151/0.0458	Pass	Thiamethoxam	4.5	ND	0.00553/0.0300	Pass
Fludioxonil	30	ND	0.0158/0.0478	Pass	Trifloxystrobin	30	ND	0.00234/0.0300	Pass
Hexythiazox	2	ND	0.0102/0.0308	Pass					



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