



Excelbis Labs
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Santa Ana, CA 92705

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Lic# C8-0000059-LIC

Palms D9 CBD Gummy

Sample ID: 2403EXL0560.2610
Strain: D9
Matrix: Ingestible
Type: Soft Chew
Sample Size: ; Batch:

Produced: Client
Collected: 03/07/2024
Received: 03/08/2024
Completed: 03/15/2024
Batch#: D1PD9CBD30-PLM



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	03/15/2024	Complete
Heavy Metals	03/14/2024	Pass
Microbials	03/15/2024	Pass
Mycotoxins	03/15/2024	Pass
GCMS Pesticides	03/15/2024	Pass
LCMS Pesticides	03/15/2024	Pass
Residual Solvents	03/15/2024	Pass
Water Activity	03/15/2024	0.43 aw - Pass

Cannabinoids

Complete

14.362 mg/serving	14.851 mg/serving	29.213 mg/serving
Total THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/serving	mg/package
CBC	0.125	0.250	ND	ND	ND	ND
CBD	0.125	0.250	0.2700	2.700	14.851	148.511
CBDa	0.125	0.250	ND	ND	ND	ND
CBDV	0.125	1.000	ND	ND	ND	ND
CBDVa	0.257	0.780	ND	ND	ND	ND
CBG	0.125	0.500	<LOQ	<LOQ	<LOQ	<LOQ
CBGa	0.125	0.250	ND	ND	ND	ND
CBN	0.125	0.250	ND	ND	ND	ND
Δ8-THC	0.125	0.500	ND	ND	ND	ND
Δ9-THC	0.125	0.500	0.2611	2.611	14.362	143.622
THCa	0.250	0.500	ND	ND	ND	ND
THCV	0.250	0.500	ND	ND	ND	ND
Total THC			0.261	2.611	14.362	143.621
Total CBD			0.270	2.700	14.851	148.511
Total CBG			0.000	0.000	0.000	0.000
Total			0.531	5.311	29.213	292.132

Date Tested: 03/15/2024

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total CBG = CBGa * 0.877 + CBG.
Total Cannabinoids = Total THC + Total CBD + Total CBG + minor cannabinoids.

Cannabinoids: HPLC, CAN-SOP-001

Water Activity: Water Activity Meter, WA-SOP-001

Moisture Content: Moisture Analyzer, MO-SOP-001

Foreign Matter: Visual Inspection, FM-SOP-001



Dr. Jerry White PhD Bryan Zahakaylo

Jerry White, PhD
Chief Scientific Officer
03/15/2024

Bryan Zahakaylo
Analyst
03/15/2024

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Sample Size: ; Batch: Batch#: D1PD9CBD30-PLM

GC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Captan	0.231	0.7	0.7	ND	Pass
Chlordane (trans + cis)	0.0116	0.035	0.0116	ND	Pass
Chlorfenapyr	0.0058	0.0175	0.0058	ND	Pass
Cyfluthrin	0.0231	0.07	2	ND	Pass
Cypermethrin	0.0231	0.07	1	ND	Pass
Parathion Methyl	0.0058	0.0175	0.0058	ND	Pass
Pentachloronitrobenzene (Quintozene)	0.0231	0.07	0.1	ND	Pass

Mycotoxins

Pass

Analytes	LOD	LOQ	Limit	Conc.	Status
	PPB	PPB	PPB	PPB	
Aflatoxin B1	1.7000	5.0000		ND	Tested
Aflatoxin B2	1.7000	5.0000		ND	Tested
Aflatoxin G1	1.7000	5.0000		ND	Tested
Aflatoxin G2	1.7000	5.0000		ND	Tested
Ochratoxin A	6.6000	20.0000	20	ND	Pass
Total Aflatoxins			20	ND	Pass

Microbials

Pass

Analyte	Limit	Detected / Not Detected	Status
	RFU/g	RFU/g	
Shiga toxin-producing E. Coli	0	Not Detected	Pass
Salmonella SPP	0	Not Detected	Pass

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Conc.	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.0165	0.05	0.2	ND	Pass
Cadmium	0.0165	0.05	0.2	ND	Pass
Lead	0.0413	0.125	0.5	ND	Pass
Mercury	0.0033	0.01	0.1	ND	Pass

GCMS Date Tested: 03/15/2024
Pesticides: GC-MS/MS, GCMS Method GCP-SOP-001
LCMS Date Tested: 03/15/2024
Mycotoxins Footnote: Mycotoxins: LC-MS/MS, LCMS Method LCP-SOP-001
Microbial Date Tested: 03/15/2024
Microbials Footnote: Microbial: PCR-SOP-001
RFU = Relative Fluorescence Units
Heavy Metals Date Tested: 03/14/2024
Heavy Metals: Heavy Metals: ICP-MS, HM-SOP-001



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Jerry White, PhD
Chief Scientific Officer
03/15/2024

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03/15/2024

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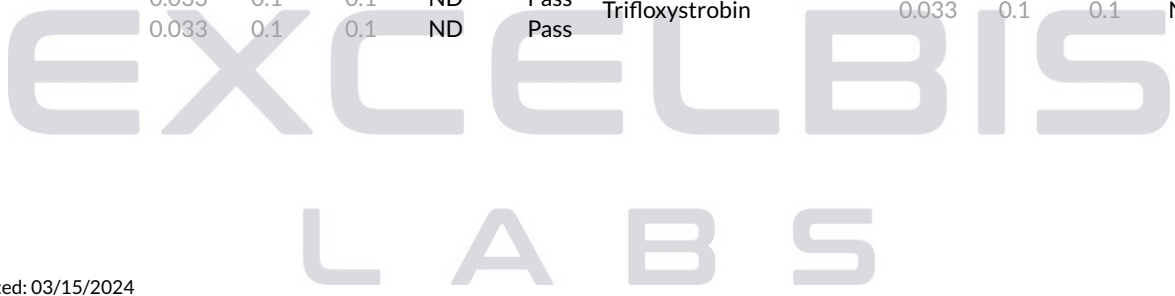
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LC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Mass	Status	Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.033	0.1	0.1	ND	Pass	Imazalil	0.033	0.1	0.033	ND	Pass
Acephate	0.033	0.1	0.1	ND	Pass	Imidacloprid	0.033	0.1	5	ND	Pass
Acequinocyl	0.033	0.1	0.1	ND	Pass	Kresoxim Methyl	0.033	0.1	0.1	ND	Pass
Acetamiprid	0.033	0.1	0.1	ND	Pass	Malathion	0.033	0.1	0.5	ND	Pass
Aldicarb	0.033	0.1	0.033	ND	Pass	Metalaxyl	0.033	0.1	2	ND	Pass
Azoxystrobin	0.033	0.1	0.1	ND	Pass	Methiocarb	0.033	0.1	0.033	ND	Pass
Bifenazate	0.033	0.1	0.1	ND	Pass	Methomyl	0.033	0.1	1	ND	Pass
Bifenthrin	0.033	0.1	3	ND	Pass	Mevinphos	0.033	0.1	0.033	ND	Pass
Boscalid	0.033	0.1	0.1	ND	Pass	Myclobutanil	0.033	0.1	0.1	ND	Pass
Carbaryl	0.033	0.1	0.5	ND	Pass	Naled	0.033	0.1	0.1	ND	Pass
Carbofuran	0.033	0.1	0.033	ND	Pass	Oxamyl	0.033	0.1	0.5	ND	Pass
Chlorantraniliprole	0.033	0.1	10	ND	Pass	Pacllobutrazol	0.033	0.1	0.033	ND	Pass
Chlorpyrifos	0.033	0.1	0.033	ND	Pass	Permethrin (trans + cis)	0.033	0.1	0.5	ND	Pass
Clofentezine	0.033	0.1	0.1	ND	Pass	Phosmet	0.033	0.1	0.1	ND	Pass
Coumaphos	0.033	0.1	0.033	ND	Pass	Piperonyl Butoxide	0.033	0.1	3	ND	Pass
Daminozide	0.033	0.1	0.033	ND	Pass	Prallethrin	0.033	0.1	0.1	ND	Pass
Diazinon	0.1	0.1	0.1	ND	Pass	Propiconazole	0.033	0.1	0.1	ND	Pass
Dichlorvos	0.033	0.1	0.033	ND	Pass	Propoxur	0.033	0.1	0.033	ND	Pass
Dimethoate	0.033	0.1	0.033	ND	Pass	Pyrethrins (Cinerin + Jasmolin + Pyrethrin)	0.0133	0.04	0.5	ND	Pass
Dimethomorph (I + II)	0.033	0.1	2	ND	Pass	Pyridaben	0.033	0.1	0.1	ND	Pass
Ethoprophos	0.033	0.1	0.033	ND	Pass	Spinetoram (J + L)	0.033	0.1	0.1	ND	Pass
Etofenprox	0.033	0.1	0.033	ND	Pass	Spinosyn (A + D)	0.033	0.1	0.1	ND	Pass
Etoazole	0.033	0.1	0.1	ND	Pass	Spiromesifen	0.033	0.1	0.1	ND	Pass
Fenhexamid	0.033	0.1	0.1	ND	Pass	Spirotetramat	0.033	0.1	0.1	ND	Pass
Fenoxycarb	0.033	0.1	0.033	ND	Pass	Spiroxamine	0.033	0.1	0.033	ND	Pass
Fenpyroximate	0.033	0.1	0.1	ND	Pass	Tebuconazole	0.033	0.1	0.1	ND	Pass
Fipronil	0.033	0.1	0.033	ND	Pass	Thiacloprid	0.033	0.1	0.033	ND	Pass
Flonicamid	0.033	0.1	0.1	ND	Pass	Thiamethoxam	0.033	0.1	5	ND	Pass
Fludioxonil	0.033	0.1	0.1	ND	Pass	Trifloxystrobin	0.033	0.1	0.1	ND	Pass
Hexythiazox	0.033	0.1	0.1	ND	Pass						



LCMS Date Tested: 03/15/2024
Pesticides: LC-MS/MS. LCMS Method LCP-SOP-001



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Chief Scientific Officer Analyst
03/15/2024 03/15/2024

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Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Conc.	Status
	µg/g	µg/g	µg/g	µg/g	
Acetone	15.4688	46.875	5000	ND	Pass
Acetonitrile	15.4688	46.875	410	ND	Pass
Benzene	0.1547	0.4688	1	ND	Pass
Butane	15.4688	46.875	5000	ND	Pass
Chloroform	0.1547	0.4688	1	ND	Pass
1, 2-Dichloroethane	0.1547	0.4688	1	ND	Pass
Ethanol	15.4688	46.875	5000	ND	Pass
Ethyl Acetate	15.4688	46.875	5000	ND	Pass
Ethyl Ether	15.4688	46.875	5000	ND	Pass
Ethylene Oxide	0.1547	0.4688	1	ND	Pass
Heptane	15.4688	46.875	5000	ND	Pass
Hexane	15.4688	46.875	290	ND	Pass
Isopropyl Alcohol	15.4688	46.875	5000	ND	Pass
Methanol	15.4688	46.875	3000	ND	Pass
Methylene Chloride	0.1547	0.4688	1	ND	Pass
Pentane	15.4688	46.875	5000	ND	Pass
Propane	15.4688	46.875	5000	ND	Pass
Toluene	15.4688	46.875	890	ND	Pass
Total Xylenes (o, m, p)	46.4063	140.625	2170	ND	Pass
Trichloroethylene	0.1547	0.4688	1	ND	Pass



Date Tested: 03/15/2024
Residual Solvents: HS-GC-MS RS Method RS-SOP-001



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