



Excelbis Labs
1920 E Warner Avenue
Santa Ana, CA 92705

(714) 987-2095
http://excelbislabs.com
Lic# C8-0000059-LIC

QA Testing
1 of 5

GMO Papaya

Sample ID: 2504EXL2045.8454
Strain: GMO Papaya
Matrix: Concentrates & Extracts
Type: Batter/Badder
Sample Size: ; Batch:

Produced:
Collected:
Received:
Completed: 01/07/2026
Batch#: 25253-398

Client
University
Lic. #127009
N/A
N/A, CA92705



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids		Complete
Foreign Matter	01/07/2026	Complete
Heavy Metals		Pass
Microbials		Pass
Mycotoxins		Pass
GCMS Pesticides		Pass
LCMS Pesticides		Pass
Residual Solvents		Pass

Cannabinoids

Complete

0.212%

Total THC

3.933%

Total CBD

85.769%

Total Cannabinoids

Analyte	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
CBC	0.171	0.455	0.5820	5.820
CBD	0.455	0.909	2.7015	27.015
CBDa	0.341	0.909	1.4039	14.039
CBG	0.455	0.909	ND	ND
CBN	0.171	0.455	ND	ND
$\Delta 8$ -THC	0.341	0.909	ND	ND
$\Delta 9$ -THC	0.341	0.909	0.2121	2.121
THCa	0.227	0.455	<LOQ	<LOQ
THCV	0.455	0.909	ND	ND
Total THC			0.212	2.121
Total CBD			3.933	39.328
Total CBG			ND	ND
Total			85.769	857.688

Date Tested:
Total THC = THCa * 0.877 + $\Delta 9$ -THC + $\Delta 8$ -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, SOP-004
Water Activity: Water Activity Meter, SOP-012
Moisture Content: Moisture Analyzer, SOP-011
Foreign Matter: Visual Inspection, SOP-001



Scott A. Robertson
Lab Director
10/09/2025

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Cannabinoids

Analyte

Analyte	LOD	LOQ	Result	Complete Result
THCp	mg/g	mg/g	%	mg/g
Total	0.257	0.780	81.0419	810.419
			85.769	857.688

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Total THC = THCa * 0.877 + Δ9-THC + Δ8 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, SOP-004

Water Activity: Water Activity Meter, SOP-012

Moisture Content: Moisture Analyzer, SOP-011

Foreign Matter: Visual Inspection, SOP-001



Accreditation #128081
ISO/IEC 17025:2017

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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
Cyuthrin	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 (Quintozone)	0.0231	0.07	0.1	ND	Pass

Mycotoxins

Pass

Analytes	LOD	LOQ	Limit	Conc.	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
A atoxin B1	1.7000	5.0000		ND	Tested
A atoxin B2	1.7000	5.0000		ND	Tested
A atoxin G1	1.7000	5.0000		ND	Tested
A atoxin G2	1.7000	5.0000		ND	Tested
Ochratoxin A	6.6000	20.0000	20	ND	Pass
Total A atoxins			20	ND	Pass

Microbials

Pass

Analyte	Limit	Detected / Not Detected	Status
	RFU/g	RFU/g	
Aspergillus avus	0	Not Detected	Pass
Aspergillus fumigatus	0	Not Detected	Pass
Aspergillus niger	0	Not Detected	Pass
Aspergillus terreus	0	Not Detected	Pass
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	0.0150	0.05	0.2	ND	Pass
Cadmium	0.0113	0.05	0.2	ND	Pass
Lead	0.00615	0.05	0.5	ND	Pass
Mercury	0.00126	0.005	0.1	ND	Pass

GCMS Date Tested:

Pesticides: GC-MS/MS. GCMS Method SOP-006

LCMS Date Tested:

Mycotoxins Footnote: Mycotoxins: LC-MS/MS, LCMS Method LCP-SOP-001

Microbial Date Tested:

Microbials Footnote: Microbial: SOP-010

RFU = Relative Fluorescence Units

Heavy Metals Date Tested:

Heavy Metals: Heavy Metals: ICP-MS, SOP-007



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LC Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	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	0.1	ND	Pass	Metalaxyl	0.033	0.1	2	ND	Pass
Azoxystrobin	0.033	0.1	0.033	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	0.1	ND	Pass	Mevinphos	0.033	0.1	0.033	ND	Pass
Boscalid	0.033	0.1	3	ND	Pass	Myclobutanil	0.033	0.1	0.1	ND	Pass
Carbaryl	0.033	0.1	0.1	ND	Pass	Naled	0.033	0.1	0.1	ND	Pass
Carbofuran	0.033	0.1	0.5	ND	Pass	Oxamyl	0.033	0.1	0.5	ND	Pass
Chlorantraniliprole	0.033	0.1	0.033	ND	Pass	Paclobutrazol	0.033	0.1	0.033	ND	Pass
Chlorpyrifos	0.033	0.1	10	ND	Pass	Permethrin (trans + cis)	0.033	0.1	0.5	ND	Pass
Clofentezine	0.033	0.1	0.033	ND	Pass	Phosmet	0.033	0.1	0.1	ND	Pass
Coumaphos	0.033	0.1	0.1	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	0.033	0.1	0.033	ND	Pass	Propiconazole	0.033	0.1	0.1	ND	Pass
Dichlorvos	0.1	0.1	0.1	ND	Pass	Propoxur	0.033	0.1	0.033	ND	Pass
Dimethoate	0.033	0.1	0.033	ND	Pass	Pyrethrins (Cinerin +	0.0133	0.04	0.5	ND	Pass
Dimethomorph (I + II)	0.033	0.1	0.033	ND	Pass	Jasmolin + Pyrethrin)					
Ethoprophos	0.033	0.1	2	ND	Pass	Pyridaben	0.033	0.1	0.1	ND	Pass
Etofenprox	0.033	0.1	0.033	ND	Pass	Spinetoram (J + L)	0.033	0.1	0.1	ND	Pass
Etoazole	0.033	0.1	0.033	ND	Pass	Spinosyn (A + D)	0.033	0.1	0.1	ND	Pass
Fenhexamid	0.033	0.1	0.1	ND	Pass	Spiromesifen	0.033	0.1	0.1	ND	Pass
Fenoxycarb	0.033	0.1	0.1	ND	Pass	Spirotetramat	0.033	0.1	0.1	ND	Pass
Fenpyroximate	0.033	0.1	0.033	ND	Pass	Spiroxamine	0.033	0.1	0.033	ND	Pass
Fipronil	0.033	0.1	0.1	ND	Pass	Tebuconazole	0.033	0.1	0.1	ND	Pass
Flonicamid	0.033	0.1	0.033	ND	Pass	Thiacloprid	0.033	0.1	0.033	ND	Pass
Fludioxonil	0.033	0.1	0.1	ND	Pass	Thiamethoxam	0.033	0.1	5	ND	Pass
Hexythiazox	0.033	0.1	0.1	ND	Pass	Tri oxystrobin	0.033	0.1	0.1	ND	Pass

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LCMS Date Tested:
Pesticides: LC-MS/MS. LCMS Method SOP-005



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Residual Solvents

Pass

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

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Date Tested:
Residual Solvents: HS-GC-MS RS Method SOP-009



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