pH Solutions, LLC
181 W. Huntington Dr.
Monrovia, CA 91016

(626) 734-6620
/www.phsolutionslab.com
Lic# C8-0000022-LIC

Black Ice Exotic Shake

Lab ID: 240903-732-TEDA-2

METRC Batch: ; METRC Sample:
Sample ID: 2409PHS1275.5495
Strain: Black Ice Exotic Shake
Matrix: Plant
Type: Trim
Sample Size: ; Batch:

Produced:
Collected:
Received: 09/04/2024
Completed: 09/09/2024
Batch#:

Summary

Test	Date Tested	Result
Cannabinoids	09/04/2024	Pass
Mycotoxins	09/09/2024	Pass
Pesticides	09/09/2024	Pass

Cannabinoids

Pass

14.877%	0.048%	15.483%
Total THC	Total CBD	Total Cannabinoids

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	%	mg/g
THCa	0.01	0.01	16.664	166.64
Δ9-THC	0.01	0.01	0.263	2.63
Δ8-THC	0.01	0.01	ND	ND
THCVa	0.01	0.10	0.083	0.83
THCV	0.01	0.10	ND	ND
CBDa	0.01	0.01	0.055	0.55
CBD	0.01	0.01	ND	ND
CBDVa	0.01	0.10	ND	ND
CBDV	0.01	0.10	ND	ND
CBN	0.01	0.10	ND	ND
CBGa	0.01	0.10	0.553	5.53
CBG	0.01	0.10	ND	ND
CBC	0.01	0.10	ND	ND
(6aR,9S)-d10-THC	0.01	0.01	ND	ND
(6aR,9R)-d10-THC	0.01	0.01	ND	ND
Total THC			**14.877**	**148.770**
Total CBD			**0.048**	**0.480**
Total			**17.618**	**176.18**

Notes:

Total THC = (THCa * 0.877) + Δ9-THC; Total CBD = (CBDa * 0.877) + CBD
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoids: UHPLC, PDA, SOP 6.0, 16 CCR §5724 Microbial: qPCR, SOP 6.05, 16 CCR §5720 Foreign Material: SOP 2.02 16 CCR §5722, %H2O and WA: Moisture Balance, Rotronic, SOP 6.07 §5717

Raquel Keledjian
Lab Director
09/09/2024

Attest all LQC samples performed and met in accordance with 16 CCR sec. 5730. This product has been tested by PH Solutions using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. PH Solutions makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of PH Solutions. Certified by Lab Director Dr. Raquel Keledjian

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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	PPM	PPM	PPM	µg/g			PPM	PPM	PPM	µg/g	
Abamectin	0.027	0.080	0.100	ND	Pass	Fludioxonil	0.018	0.053	0.100	ND	Pass
Acephate	0.009	0.027	0.100	ND	Pass	Hexythiazox	0.019	0.058	0.100	ND	Pass
Acequinocyl	0.013	0.040	0.100	ND	Pass	Imazalil	0.009	0.028	0.009	ND	Pass
Acetamiprid	0.005	0.015	0.100	ND	Pass	Imidacloprid	0.013	0.038	5.000	ND	Pass
Aldicarb	0.008	0.025	0.008	ND	Pass	Kresoxim Methyl	0.014	0.041	0.100	ND	Pass
Azoxystrobin	0.009	0.026	0.100	ND	Pass	Malathion	0.012	0.035	0.500	ND	Pass
Bifenazate	0.008	0.025	0.100	ND	Pass	Metalaxyl	0.009	0.026	2.000	ND	Pass
Bifenthrin	0.019	0.056	3.000	ND	Pass	Methiocarb	0.025	0.075	0.025	ND	Pass
Boscalid	0.019	0.056	0.100	ND	Pass	Methomyl	0.016	0.048	1.000	ND	Pass
Captan	0.057	0.171	0.700	ND	Pass	Mevinphos	0.030	0.089	0.030	ND	Pass
Carbaryl	0.006	0.019	0.500	ND	Pass	Myclobutanil	0.021	0.063	0.100	ND	Pass
Carbofuran	0.005	0.014	0.005	ND	Pass	Naled	0.015	0.046	0.100	ND	Pass
Chlorantraniliprole	0.013	0.038	10.000	ND	Pass	Oxamyl	0.017	0.052	0.500	ND	Pass
Chlordane	0.030	0.100	0.030	ND	Pass	Paclobutrazol	0.012	0.036	0.012	ND	Pass
Chlorfenapyr	0.033	0.100	0.033	ND	Pass	Parathion Methyl	0.030	0.100	0.030	ND	Pass
Chlorpyrifos	0.010	0.030	0.010	ND	Pass	Pentachloronitrobenzene	0.030	0.100	0.100	ND	Pass
Clofentezine	0.009	0.028	0.100	ND	Pass	Permethrin	0.008	0.025	0.500	ND	Pass
Coumaphos	0.007	0.022	0.007	ND	Pass	Phosmet	0.009	0.027	0.100	ND	Pass
Cyfluthrin	0.032	0.097	2.000	ND	Pass	Piperonyl Butoxide	0.007	0.021	3.000	ND	Pass
Cypermethrin	0.018	0.054	1.000	ND	Pass	Prallethrin	0.011	0.033	0.100	ND	Pass
Daminozide	0.022	0.067	0.022	ND	Pass	Propiconazole	0.010	0.031	0.100	ND	Pass
Diazinon	0.008	0.023	0.100	ND	Pass	Propoxur	0.034	0.100	0.034	ND	Pass
Dichlorvos	0.015	0.045	0.015	ND	Pass	Pyrethrins	0.009	0.026	0.500	ND	Pass
Dimethoate	0.006	0.017	0.006	ND	Pass	Pyridaben	0.008	0.023	0.100	ND	Pass
Dimethomorph	0.017	0.050	2.000	ND	Pass	Spinetoram	0.030	0.100	0.100	ND	Pass
Ethoprophos	0.006	0.018	0.006	ND	Pass	Spinosad	0.015	0.044	0.100	ND	Pass
Etofenprox	0.006	0.018	0.006	ND	Pass	Spiromesifen	0.006	0.018	0.100	ND	Pass
Etoxazole	0.007	0.021	0.100	ND	Pass	Spirotetramat	0.018	0.054	0.100	ND	Pass
Fenhexamid	0.013	0.040	0.100	ND	Pass	Spiroxamine	0.008	0.024	0.008	ND	Pass
Fenoxycarb	0.006	0.017	0.006	ND	Pass	Tebuconazole	0.005	0.014	0.100	ND	Pass
Fenpyroximate	0.012	0.037	0.100	ND	Pass	Thiacloprid	0.018	0.054	0.018	ND	Pass
Fipronil	0.034	0.103	0.034	ND	Pass	Thiamethoxam	0.014	0.042	5.000	ND	Pass
Flonicamid	0.013	0.038	0.100	ND	Pass	Trifloxystrobin	0.010	0.031	0.100	ND	Pass

Date Tested: 09/09/2024
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Pesticide detection is determined by LCMS & GCMS, SOP 6.03 & 6.04, 16 CCR § 5719.

THE EMERALD TEST PESTICIDE SCREENING pH Solutions

Raquel Keledjian
Lab Director
09/09/2024

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Matrix: Plant
Type: Trim
Sample Size: ; Batch:

Produced:
Collected:
Received: 09/04/2024
Completed: 09/09/2024
Batch#:

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	0.002	0.005	4	ND	Pass
B2	0.002	0.005	4	ND	Pass
G1	0.003	0.005	4	ND	Pass
G2	0.002	0.005	4	ND	Pass
Ochratoxin A	0.003	0.009	4	ND	Pass
Total Aflatoxins			20	ND	Pass

Date Tested: 09/09/2024
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Analyzed by LCMS, SOP 6.03 & 6.04, 16 CCR §5721

Raquel Keledjian
Lab Director
09/09/2024

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SC Labs®

Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 01/09/2025

SAMPLE DETAILS

OVERALL BATCH RESULT: PASS

SAMPLE NAME: THCA - 2659

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name:
License Number:
Address:

SAMPLE DETAIL

Batch Number:
Sample ID: 250107M018
Source Metrc UID:

Date Collected: 01/07/2025
Date Received: 01/08/2025
Batch Size:
Sample Size:
Unit Mass:
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Sum of Cannabinoids: 98.988%

Total Cannabinoids: 86.813%

Total THC: 86.598%

Total CBD: ND

Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^9-THC+0.877*THCa+Δ^8-THC) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + CBL + CBN
Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877)) + Δ^8-THC
Total CBD = CBD + (CBDa (0.877))

SAFETY ANALYSIS - SUMMARY

Pesticides: PASS

Residual Solvents: PASS

For quality assurance purposes. Not a Regulatory Compliance Testing Certificate. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 01/09/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 01/09/2025

CANNABINOID TEST RESULTS - 01/08/2025

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: 86.813%
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + CBL + CBN

TOTAL THC: 86.598%
Total THC (Δ^9-THC+0.877*THCa+Δ^8-THC)

TOTAL CBD: ND
Total CBD (CBD+0.877*CBDa)

TOTAL CBG: ND
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.215%
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND
Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.05 / 0.14	±19.749	987.43	98.743
THCVa	0.07 / 0.20	±0.091	2.45	0.245
Δ^9-THC	0.06 / 0.26	N/A	ND	ND
Δ^8-THC	0.1 / 0.4	N/A	ND	ND
THCV	0.1 / 0.2	N/A	ND	ND
CBD	0.07 / 0.29	N/A	ND	ND
CBDa	0.02 / 0.19	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBG	0.06 / 0.19	N/A	ND	ND
CBGa	0.1 / 0.2	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
CBN	0.1 / 0.3	N/A	ND	ND
CBC	0.2 / 0.5	N/A	ND	ND
CBCa	0.07 / 0.28	N/A	ND	ND
SUM OF CANNABINOIDS			989.88 mg/g	98.988%

CATEGORY 1 PESTICIDE TEST RESULTS - 01/09/2025 PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated. **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS

CATEGORY 1 PESTICIDE TEST RESULTS - 01/09/2025 *continued*

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 01/09/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.1	N/A	ND	PASS
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	0.1	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Chlorantranilip-role	0.04 / 0.12	10	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS
Cyfluthrin	0.12 / 0.38	2	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Flonicamid	0.03 / 0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	0.1	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	0.1	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	5	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	0.1	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	2	N/A	ND	PASS

Continued on next page

CATEGORY 2 PESTICIDE TEST RESULTS - 01/09/2025 *continued*

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Methomyl	0.03 / 0.10	1	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Naled	0.02 / 0.07	0.1	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.5	N/A	ND	PASS
Pentachloronitro-benzene (Quintozene)*	0.03 / 0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.1	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	0.5	N/A	ND	PASS
Pyridaben	0.02 / 0.07	0.1	N/A	ND	PASS
Spinetoram	0.02 / 0.07	0.1	N/A	ND	PASS
Spinosad	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	0.1	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 01/08/2025 PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS). **Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Benzene	0.03 / 0.09	1	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	PASS
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 01/08/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	N/A	ND	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Acetonitrile	2 / 7	410	N/A	ND	PASS
Ethanol	20 / 50	5000	N/A	ND	PASS
Ethyl Acetate	20 / 60	5000	N/A	ND	PASS
Ethyl Ether	20 / 50	5000	N/A	ND	PASS
Methanol	50 / 200	3000	N/A	ND	PASS
n-Butane	10 / 50	5000	±6.1	128	PASS
n-Heptane	20 / 60	5000	N/A	ND	PASS
n-Hexane	2 / 5	290	N/A	ND	PASS
n-Pentane	20 / 50	5000	N/A	ND	PASS
Propane	10 / 20	5000	N/A	ND	PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A	ND	PASS

FOOD & ENVIRONMENT SAFETY ANALYTICAL LAB

Sample ID: 49140906-2
Date Issued: 9/12/24
Batch Result: Pass

Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate.

D

Total CBD	**ND**
Total THC	**87.34 %**
Total Cannabinoids	**99.57 %**

Analysis Summary

Residual Pesticides	Pass
Residual Solvents & Processing Chemicals	Pass
Mycotoxins	Pass
Heavy Metals	Pass
Microbial Impurities	Pass

Sample Name:
D

Matrix:
Concentrate

Unit Mass:
1 g per unit

Sample ID:
49140906-2

Date Received:
9/6/2024

Approved By:
Marie True, M.S.
Laboratory Manager

References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate.

Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0030	0.0090	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	ND	ND
Delta 8-THC	0.0020	0.0059	ND	ND
CBC	0.00070	0.0021	ND	ND
THCA	**0.0024**	**0.0073**	**99.412**	**994.124**
Total CBD			ND	ND
Total THC			**87.34**	**873.442**
Total Cannabinoids			**99.57**	**995.719**

Date Tested: 9/6/2024

Total THC = THCa * 0.877 + d9-THC + d8-THC

Total CBD = CBDa * 0.877 + CBD

Pesticide Analysis

Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status
Abamectin	0.050	0.10	ND	Pass
Acephate	0.050	0.10	ND	Pass
Acequinocyl	0.050	0.10	ND	Pass
Acetamiprid	0.050	0.10	ND	Pass
Aldicarb	0.050	0.00	ND	Pass
Azoxystrobin	0.050	0.10	ND	Pass
Bifenazate	0.050	0.10	ND	Pass
Bifenthrin	0.050	3.00	ND	Pass
Boscalid	0.050	0.10	ND	Pass
Captan	0.050	0.70	ND	Pass
Carbaryl	0.050	0.50	ND	Pass
Carbofuran	0.050	0.00	ND	Pass
Chlorantraniliprole	0.050	10.00	ND	Pass
Chlordane	0.050	0.00	ND	Pass
Chlorfenapyr	0.050	0.00	ND	Pass
Chlorpyrifos	0.050	0.00	ND	Pass
Clofentezine	0.050	0.10	ND	Pass
Coumaphos	0.050	0.00	ND	Pass
Cyfluthrin	0.050	2.00	ND	Pass
Cypermethrin	0.050	1.00	ND	Pass
Daminozide	0.050	0.00	ND	Pass
DDVP	0.050	0.00	ND	Pass
Diazinon	0.050	0.10	ND	Pass
Dimethoate	0.050	0.00	ND	Pass
Dimethomorph	0.050	2.00	ND	Pass
Ethoprophos	0.050	0.00	ND	Pass
Etofenprox	0.050	0.00	ND	Pass
Etoxazole	0.050	0.10	ND	Pass
Fenhexamid	0.050	0.10	ND	Pass
Fenoxycarb	0.050	0.00	ND	Pass
Fenpyroximate	0.050	0.10	ND	Pass
Fipronil	0.050	0.00	ND	Pass
Flonicamid	0.050	0.10	ND	Pass
Fludioxonil	0.050	0.10	ND	Pass

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Pesticide Analysis

Pass

Analyte	LOQ (ppm)	Limit (ppm)	Mass (ppm)	Status
Hexythiazox	0.050	0.10	ND	Pass
Imazalil	0.050	0.00	ND	Pass
Imidacloprid	0.050	5.00	ND	Pass
Kresoxim Methyl	0.050	0.10	ND	Pass
Malathion	0.050	0.50	ND	Pass
Metalaxyl	0.050	2.00	ND	Pass
Methiocarb	0.050	0.00	ND	Pass
Methomyl	0.050	1.00	ND	Pass
Methyl Parathion	0.050	0.00	ND	Pass
Mevinphos	0.050	0.00	ND	Pass
Myclobutanil	0.050	0.10	ND	Pass
Naled	0.050	0.10	ND	Pass
Oxamyl	0.050	0.50	ND	Pass
Paclobutrazol	0.050	0.00	ND	Pass
Pentachloronitrobenzene	0.050	0.10	ND	Pass
Permethrin	0.050	0.50	ND	Pass
Phosmet	0.050	0.10	ND	Pass
Piperonyl Butoxide	0.050	3.00	ND	Pass
Prallethrin	0.050	0.10	ND	Pass
Propiconazole	0.050	0.10	ND	Pass
Propoxur	0.050	0.00	ND	Pass
Pyrethrins	0.050	0.50	ND	Pass
Pyridaben	0.050	0.10	ND	Pass
Spinetoram	0.050	0.10	ND	Pass
Spinosad	0.050	0.10	ND	Pass
Spiromesifen	0.050	0.10	ND	Pass
Spirotetramat	0.050	0.10	ND	Pass
Spiroxamine	0.050	0.00	ND	Pass
Tebuconazole	0.050	0.10	ND	Pass
Thiacloprid	0.050	0.00	ND	Pass
Thiamethoxam	0.050	5.00	ND	Pass
Trifloxystrobin	0.050	0.10	ND	Pass

Date Tested: 9/12/2024

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Residual Solvents Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Acetone	100	5000	ND	Pass
Acetonitrile	100	410	ND	Pass
Benzene	1	1	ND	Pass
Butane	100	5000	ND	Pass
Chloroform	1	1	ND	Pass
1,2-Dichloroethane	1	1	ND	Pass
Ethanol	100	5000	ND	Pass
Ethyl Acetate	100	5000	ND	Pass
Ethyl Ether	100	5000	ND	Pass
Ethylene Oxide	1	1	ND	Pass
Heptane	100	5000	ND	Pass
n-Hexane	100	290	ND	Pass
Isopropanol	100	5000	ND	Pass
Methanol	100	3000	ND	Pass
Methylene Chloride	1	1	ND	Pass
Pentane	100	5000	130.05	Pass
Propane	100	5000	ND	Pass
Toluene	100	890	ND	Pass
Trichloroethylene	1	1	ND	Pass
Xylenes	100	2170	ND	Pass

Date Tested: 9/9/2024

Mycotoxins

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Aflatoxin B1	0.02	0.02	ND	Pass
Aflatoxin B2	0.02	0.02	ND	Pass
Aflatoxin G1	0.02	0.02	ND	Pass
Aflatoxin G2	0.02	0.02	ND	Pass
Ochratoxin A	0.02	0.02	ND	Pass

Date Tested: 9/12/2024

Heavy Metals Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Arsenic	0.050	0.200	ND	Pass
Cadmium	0.050	0.200	ND	Pass
Lead	0.125	0.500	ND	Pass
Mercury	0.025	0.100	ND	Pass

Date Tested: 9/10/2024

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Microbial Analysis

Pass

Test	Result (CFU/g)	Status
Aspergillus flavus	Absent / 1g	Pass
Aspergillus fumigatus	Absent / 1g	Pass
Aspergillus niger	Absent / 1g	Pass
Aspergillus terreus	Absent / 1g	Pass
Shiga-toxin producing *Escherichia coli*	Absent / 1g	Pass
Salmonella	Absent / 1g	Pass

Date Tested: 9/11/2024

CFU = Colony Forming Units

Method References: **Testing Location**

Cannabinoid Profile (UNODC) — **FESA Labs - Santa Ana, CA**

Official Methods of Analysis, Method 2018.11.AOAC INTERNATIONAL (modified), Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva, and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue

United Nations Office on Drugs and Crime - Recommended methods for identification and analysis of cannabis and cannabis products

Multi-Residue Pesticide Analysis - (AOAC_200701) — **FESA Labs - Santa Ana, CA**

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

Residual Solvents Analysis - 20 compounds (USP_467) — **FESA Labs - Santa Ana, CA**

USP current revision, Chapter 62.
United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015) (modified).

Mycotoxins Analysis - 5 compounds (FDA_MYC) — **FESA Labs - Santa Ana, CA**

Determination of Mycotoxins in Corn, Peanut Butter and Wheat Flour Using Stable Isotope Dilution Assay (SIDA) and Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) (modified).

Heavy Metals Analysis - 4 elements (EPA_200.8) — **FESA Labs - Santa Ana, CA**

Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994.

"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version (modified).

Microbial Analysis - (FDABAM_4A_5_18) — **FESA Labs - Santa Ana, CA**

U.S. Food and Drug Administration, Bacteriological Analytical Manual, Chapter 4A, Diarrheagenic Escherichia coli; Chapter 5, Salmonella; Chapter 18, Yeasts, Molds and Mycotoxins (modified).

Testing Location: