



Excelbis Labs  
1920 E Warner Avenue  
Santa Ana, CA 92705

(714) 340-7099  
http://excelbislabs.com  
Lic# C8-0000059-LIC

# HB - The Jack - Manicured Flower

METRC Sample: 1A4060300065C85000022958; METRC Batch: 1A40603000608ED000007885

<b>Sample ID:</b> 2410EXL3385.14570	<b>Produced:</b>	<b>Distributor</b>	<b>Producer</b>
Strain: The Jack	Collected: 10/22/2024	<b>Highstar Distribution</b>	<b>Highstar, LLC</b>
Matrix: Plant	Received: 10/23/2024	Lic. # C11-0001899-LIC	Lic. # CCL23-0000118
Type: Flower - Cured	Completed: 10/28/2024	4959 PATATA ST	4959 PATATA ST CUDAHY, CA 90201
Sample Size: 64 g; Batch: 18,016 g	Batch#: 091924TJ	CUDAHY, CA 90201	

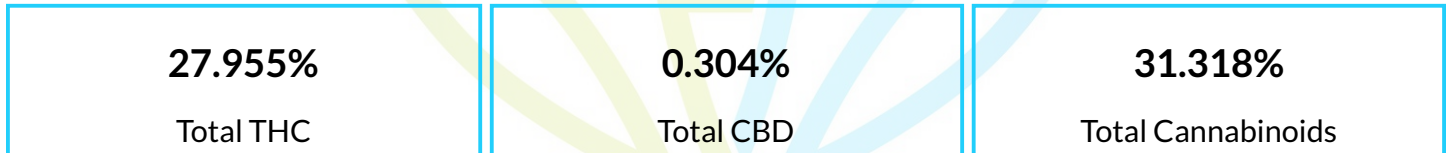


## Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	10/25/2024	Complete
Foreign Matter	10/23/2024	Pass
Heavy Metals	10/25/2024	Pass
Microbials	10/24/2024	Pass
Moisture	10/23/2024	17.0% - Complete
Mycotoxins	10/25/2024	Pass
GCMS Pesticides	10/25/2024	Pass
LCMS Pesticides	10/25/2024	Pass
Terpenes	10/25/2024	Complete
Water Activity	10/23/2024	0.51 aw - Pass

## Cannabinoids

Complete



Analyte	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
CBC	0.009	0.025	ND	ND
CBD	0.025	0.100	0.3039	3.039
CBDa	0.019	0.050	ND	ND
CBG	0.019	0.050	0.7913	7.913
CBN	0.009	0.050	ND	ND
Δ8-THC	0.025	0.100	ND	ND
Δ9-THC	0.019	0.100	2.6913	26.913
THCa	0.013	0.050	28.8072	288.072
THCV	0.025	0.100	2.2672	22.672
<b>Total THC</b>			<b>27.955</b>	<b>279.553</b>
<b>Total CBD</b>			<b>0.304</b>	<b>3.039</b>
<b>Total CBG</b>			<b>0.791</b>	<b>7.913</b>
<b>Total</b>			<b>31.318</b>	<b>313.177</b>



Date Tested: 10/25/2024

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, 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



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Jerry White, PhD  
Chief Scientific Officer

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Analyst

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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
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	
Aspergillus flavus	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	<LOQ	Pass
Lead	0.00615	0.05	0.5	ND	Pass
Mercury	0.00126	0.005	0.1	<LOQ	Pass

GCMS Date Tested: 10/25/2024  
Pesticides: GC-MS/MS, GCMS Method GCP-SOP-001  
LCMS Date Tested: 10/25/2024  
Mycotoxins Footnote: Mycotoxins: LC-MS/MS, LCMS Method LCP-SOP-001  
Microbial Date Tested: 10/24/2024  
Microbials Footnote: Microbial: PCR-SOP-001  
RFU = Relative Fluorescence Units  
Heavy Metals Date Tested: 10/25/2024  
Heavy Metals: Heavy Metals: ICP-MS, HM-SOP-001



*Dr. Jerry White PhD Bryan Zahakaylo*

Jerry White, PhD  
Chief Scientific Officer

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Analyst

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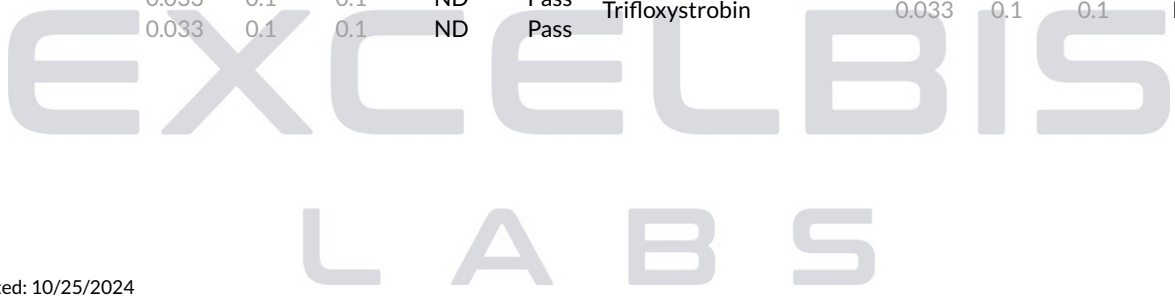
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## LC Pesticides

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	0.033	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: 10/25/2024  
Pesticides: LC-MS/MS. LCMS Method LCP-SOP-001



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### Terpenes

Complete

Analyte	LOD	LOQ	Conc.	Conc.
	µg/g	µg/g	%	mg/g
α-Bisabolol	12.200000	97.600000	<LOQ	<LOQ
Camphene	1.525000	97.600000	ND	ND
3-Carene	1.525000	97.600000	0.060208	0.60208
β-Caryophyllene	24.400000	97.600000	0.319859	3.19859
Caryophyllene Oxide	24.400000	97.600000	0.017209	0.17209
p-Cymene	1.525000	97.600000	0.015616	0.15616
Eucalyptol	1.525000	97.600000	0.015721	0.15721
Geraniol	6.100000	97.600000	ND	ND
Guaiol	6.100000	97.600000	ND	ND
α-Humulene	3.050000	97.600000	0.149478	1.49478
Isopulegol	12.200000	97.600000	ND	ND
δ-Limonene	3.050000	97.600000	0.096115	0.96115
Linalool	3.050000	97.600000	0.013038	0.13038
β-Myrcene	1.525000	97.600000	0.223231	2.23231
cis-Nerolidol	48.800000	97.600000	ND	ND
trans-Nerolidol	6.100000	97.600000	<LOQ	<LOQ
β-Ocimene	1.525000	97.600000	0.074665	0.74665
α-Ocimene	1.525000	97.600000	<LOQ	<LOQ
β-Pinene	1.525000	97.600000	0.146358	1.46358
α-Pinene	1.525000	97.600000	0.106849	1.06849
γ-Terpinene	1.525000	97.600000	0.031651	0.31651
α-Terpinene	1.525000	97.600000	0.016319	0.16319
Terpinolene	1.525000	97.600000	0.826736	8.26736
<b>Total</b>			<b>2.113054</b>	<b>21.13054</b>

### Primary Aromas

  
 Eucalyptus

  
 Cinnamon

  
 Wood

  
 Herbal

  
 Hops

Date Tested: 10/25/2024  
Terpenes: HS-GC-MS



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