



Palms Top Gun

Sample ID: 2403EXL0560.2609

Strain: Top Gun

Matrix: Plant

Type: Flower - Cured

Sample Size: ; Batch:

Produced:

Collected: 03/07/2024

Received: 03/08/2024

Completed: 03/15/2024

Batch#: 20240115-SH-JTG

Client

HSP

Lic. #

1835 NEWPORT BLVD

COSTA MESA, CA 92627



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	03/15/2024	Complete
Foreign Matter	03/08/2024	Pass
Heavy Metals	03/15/2024	Complete
Microbials	03/15/2024	Complete
Moisture	03/15/2024	12.7% - Complete
Mycotoxins	03/15/2024	Pass
GCMS Pesticides	03/15/2024	Pass
LCMS Pesticides	03/15/2024	Pass
Water Activity	03/15/2024	NR - Complete

Cannabinoids

Complete

26.044% Total THC	ND Total CBD	28.427% Total Cannabinoids
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Analyte	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
CBC	0.125	0.250	ND	ND
CBD	0.125	0.250	ND	ND
CBDa	0.125	0.250	ND	ND
CBDV	0.125	1.000	ND	ND
CBDVa	0.257	0.780	ND	ND
CBG	0.125	0.500	0.4135	4.135
CBGa	0.125	0.250	1.2893	12.893
CBN	0.125	0.250	0.8387	8.387
Δ8-THC	0.125	0.500	ND	ND
Δ9-THC	0.125	0.500	0.2676	2.676
THCa	0.250	0.500	29.3919	293.919
THCV	0.250	0.500	ND	ND
Total THC			26.044	260.443
Total CBD			ND	ND
Total CBG			1.544	15.442
Total			28.427	284.272

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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GC Pesticides

Pass

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

Mycotoxins

Pass

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

Microbials

Complete

Analyte	Limit	Detected / Not Detected	Status
	RFU/g	RFU/g	
Aspergillus flavus	0	NR	NT
Aspergillus fumigatus	0	NR	NT
Aspergillus niger	0	NR	NT
Aspergillus terreus	0	NR	NT
Shiga toxin-producing E. Coli	0	NR	NT
Salmonella SPP	0	NR	NT

Heavy Metals

Complete

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

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: 03/15/2024

Heavy Metals: Heavy Metals: ICP-MS, HM-SOP-001



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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	NR	NT	Imazalil	0.033	0.1	0.033	NR	NT
Acephate	0.033	0.1	0.1	NR	NT	Imidacloprid	0.033	0.1	5	NR	NT
Acequinocyl	0.033	0.1	0.1	NR	NT	Kresoxim Methyl	0.033	0.1	0.1	NR	NT
Acetamiprid	0.033	0.1	0.1	NR	NT	Malathion	0.033	0.1	0.5	NR	NT
Aldicarb	0.033	0.1	0.033	NR	NT	Metalaxyl	0.033	0.1	2	NR	NT
Azoxystrobin	0.033	0.1	0.1	NR	NT	Methiocarb	0.033	0.1	0.033	NR	NT
Bifenazate	0.033	0.1	0.1	NR	NT	Methomyl	0.033	0.1	1	NR	NT
Bifenthrin	0.033	0.1	3	NR	NT	Mevinphos	0.033	0.1	0.033	ND	Pass
Boscalid	0.033	0.1	0.1	NR	NT	Myclobutanil	0.033	0.1	0.1	NR	NT
Carbaryl	0.033	0.1	0.5	NR	NT	Naled	0.033	0.1	0.1	NR	NT
Carbofuran	0.033	0.1	0.033	NR	NT	Oxamyl	0.033	0.1	0.5	NR	NT
Chlorantraniliprole	0.033	0.1	10	NR	NT	Pacllobutrazol	0.033	0.1	0.033	NR	NT
Chlorpyrifos	0.033	0.1	0.033	NR	NT	Permethrin (trans + cis)	0.033	0.1	0.5	ND	Pass
Clofentezine	0.033	0.1	0.1	NR	NT	Phosmet	0.033	0.1	0.1	NR	NT
Coumaphos	0.033	0.1	0.033	NR	NT	Piperonyl Butoxide	0.033	0.1	3	NR	NT
Daminozide	0.033	0.1	0.033	NR	NT	Prallethrin	0.033	0.1	0.1	NR	NT
Diazinon	0.1	0.1	0.1	NR	NT	Propiconazole	0.033	0.1	0.1	NR	NT
Dichlorvos	0.033	0.1	0.033	NR	NT	Propoxur	0.033	0.1	0.033	NR	NT
Dimethoate	0.033	0.1	0.033	NR	NT	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	NR	NT
Ethoprophos	0.033	0.1	0.033	NR	NT	Spinetoram (J + L)	0.033	0.1	0.1	ND	Pass
Etofenprox	0.033	0.1	0.033	NR	NT	Spinosyn (A + D)	0.033	0.1	0.1	ND	Pass
Etoxazole	0.033	0.1	0.1	NR	NT	Spiromesifen	0.033	0.1	0.1	NR	NT
Fenhexamid	0.033	0.1	0.1	NR	NT	Spirotetramat	0.033	0.1	0.1	NR	NT
Fenoxycarb	0.033	0.1	0.033	NR	NT	Spiroxamine	0.033	0.1	0.033	NR	NT
Fenpyroximate	0.033	0.1	0.1	NR	NT	Tebuconazole	0.033	0.1	0.1	NR	NT
Fipronil	0.033	0.1	0.033	NR	NT	Thiacloprid	0.033	0.1	0.033	NR	NT
Flonicamid	0.033	0.1	0.1	NR	NT	Thiamethoxam	0.033	0.1	5	NR	NT
Fludioxonil	0.033	0.1	0.1	NR	NT	Trifloxystrobin	0.033	0.1	0.1	NR	NT
Hexythiazox	0.033	0.1	0.1	NR	NT						



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



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