



Sour Kush Breath

Sample ID: 2501EXL0227.0912
Strain: Sour Kush Breath
Matrix: Plant
Type: Flower - Cured
Sample Size: ; Batch:
Produced:
Collected:
Received:
Completed: 01/16/2025
Batch#: 2025Q1SKB



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids		Complete
Foreign Matter	01/16/2025	Complete
Heavy Metals		Complete
Microbials		Complete
Mycotoxins		Pass
GCMS Pesticides		Pass
LCMS Pesticides		Pass

Cannabinoids

Complete

22.344% Total THC	0.295% Total CBD	22.776% Total Cannabinoids
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Analyte	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
CBC	0.009	0.025	0.0423	0.423
CBD	0.025	0.100	0.2950	2.950
CBDa	0.019	0.050	ND	ND
CBDV	0.125	1.000	ND	ND
CBDVa	0.257	0.780	ND	ND
CBG	0.019	0.050	ND	ND
CBGa	0.125	0.250	ND	ND
CBN	0.009	0.050	0.0949	0.949
Δ8-THC	0.025	0.100	ND	ND
Δ9-THC	0.019	0.100	0.2942	2.942
THCa	0.013	0.050	25.1423	251.423
THCV	0.025	0.100	ND	ND
Total THC			22.344	223.440
Total CBD			0.295	2.950
Total CBG			0.000	0.000
Total			22.776	227.763

Date Tested:

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



Dr. Jerry White PhD Bryan Zahakaylo

Jerry White, PhD
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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	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	0.0150	0.05	0.2	NR	NT
Cadmium	0.0113	0.05	0.2	NR	NT
Lead	0.00615	0.05	0.5	NR	NT
Mercury	0.00126	0.005	0.1	NR	NT

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



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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	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:
Pesticides: LC-MS/MS. LCMS Method LCP-SOP-001



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