



Genesis Testing Labs
 1620 South Main St, Unit A
 Grove, OK 74344
 (918)791-3460
 OMMA # LAAA-EKZ6-UNEB
 OBN #: 65198

Certificate of Analysis

Client Name: Spencer Manufacturing dba Smokey Okies	Sample Name: Lilac Diesel	Sampling SOP: GTL-SOP-020-Collection of Samples and Transportation
Address: 8469 NE 23rd St OKC, OK 73141	Matrix: Flower	Received Date: 01/06/2022
OMMA License #: GAAA-NYDA-NI7D	Customer Batch #: D-12-27-21	Received Weight (g): 11.25
OBN License #: 61526	Collection Date:	Lab Sample ID: SA-010422-15886

Summary of Results	
Potency Profile	
Cannabinoid	Result mg/g
CBDV	ND
CBDA	1.078
CBN	ND
CBD	1.25047
CBGA	11.3351
CBG	4.14489
THCV	0.641407
Δ9-THC	5.20133
Δ8-THC	ND
THCA	318.806
CBC	0.495878
Total THC %	28.4794%
Total THC mg/g	284.794
Microbiological Profile	
All Results	Pass
Mycotoxin Screening	
All Results	NT
Residual Solvents	
All Results	NT
Heavy Metals Screening	
All Results	Pass
Pesticide Screening	
All Results	Pass
Water Activity	
All Results	Pass
Terpene Profile	
Terpene	Result %
Camphene	0.0244705
Myrcene	0.965776
β-pinene	0.18175
3-Carene	ND
Delta-limonene	0.965776
Cymene	ND
β-Ocimene	ND
Eucalyptol	ND
γ-Terpinene	0.00948636
α-Terpinene	ND
Terpinolene	0.0117501
Linalool	0.293538
Isopulegol	0.0909828
Geraniol	0.00873176
β-Caryophyllene	0.481648
Humulene	0.199752
Nerolidol	0.033849
Guaiol	ND
Caryophyllene oxide	0.0142295
α-Bisabolol	0.0640329
Total Terpene %	3.34577



PJLA Testing
 Accreditation No: 108964



Total THC Equation=(THCA * 0.8770) + 9THC] Abbreviation: LOD: Limit of Detection; LOQ: Limit of Quantitation; NA Not Applicable; ND: Not Detected; NT: Not Tested; SO: Test Send Out; TNC: Too numerous to count. The product represented has been tested by GTL using advanced analytical instrumentation with proven and validated scientific methodologies. GTL makes no claims as to the efficacy and/or safety of the product represented herein. This Certificate of Analysis may not be reproduced except in full, without the express written consent of Genesis Testing Laboratories. Some tests may be sub-contracted to partner labs as indicated in the Certificate of Analysis; subcontract labs are fully OMMA compliant and licensed by the State of Oklahoma. This Certificate of Analysis expires one year from Issue Date.



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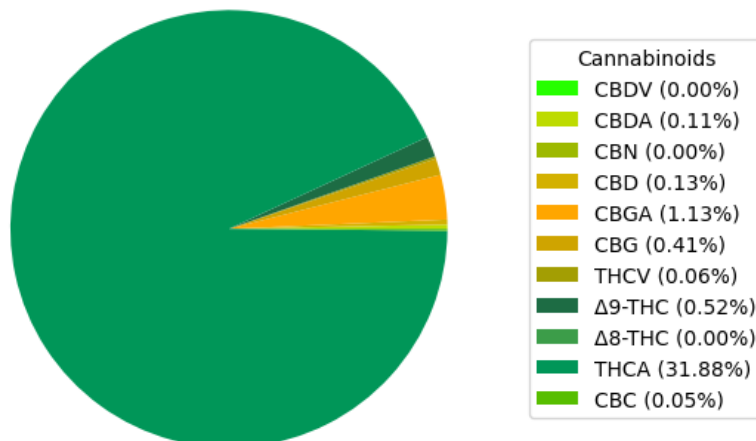
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Potency

Date Analyzed: 01/12/2022 **Date Completed:** 01/14/2022 **Test Batch #:** BA-010722-2422
Instrument: HPLC-UV **Method:** GTL-SOP-010-Cannabinoid Potency by HPLC

Cannabinoid	Result %	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
CBDV	ND	ND	0.012	0.024
CBDA	0.1078	1.078	0.030	0.061
CBN	ND	ND	0.055	0.109
CBD	0.1250	1.2505	0.034	0.069
CBGA	1.1335	11.3351	0.063	0.126
CBG	0.4145	4.1449	0.045	0.091
THCV	0.0641	0.6414	0.051	0.101
Δ9-THC	0.5201	5.2013	0.043	0.087
Δ8-THC	ND	ND	0.071	0.143
THCA	31.8806	318.806	0.063	0.125
CBC	0.0496	0.4959	0.017	0.034
% Moisture	7.88			
Total Cannabinoids	34.2953	342.953		
Total CBD	0.2196	2.1959		
Total THC	28.4794	284.794		

Cannabinoid Distribution (%)



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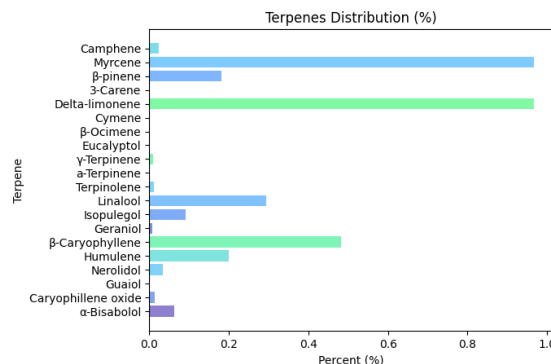
Terpenoid

Date Analyzed: 01/12/2022
Instrument: GC-MS DI

Date Completed: 01/14/2022
Method: GTL-SOP-018-Terpenes by GC-MS DI

Test Batch #: BA-011022-2432

Terpene	Result (mg/g)	Result (%)	LOD (ug/g)	LOQ (ug/g)
Camphene	0.2447	0.0244705	0.085	0.160
Myrcene	9.6578	0.9658	0.107	0.220
β-pinene	1.8175	0.1817	0.093	0.185
3-Carene	ND	ND	0.096	0.193
Delta-limonene	9.6578	0.9658	0.115	0.230
Cymene	ND	ND	0.258	0.516
β-Ocimene	ND	ND	0.115	0.230
Eucalyptol	ND	ND	0.102	0.204
γ-Terpinene	0.0948636	0.00948636	0.123	0.245
α-Terpinene	ND	ND	0.070	0.140
Terpinolene	0.1175	0.0117501	0.112	0.223
Linalool	2.9354	0.2935	0.175	0.349
Isopulegol	0.9098	0.0909828	0.197	0.393
Geraniol	0.0873176	0.00873176	0.174	0.348
β-Caryophyllene	4.8165	0.4816	0.219	0.437
Humulene	1.9975	0.1998	0.144	0.288
Nerolidol	0.3385	0.033849	0.134	0.268
Guaial	ND	ND	0.152	0.303
Caryophyllene oxide	0.142295	0.0142295	0.248	0.496
α-Bisabolol	0.6403	0.0640329	0.116	0.232
Total Terpenes (%)	33.4577	3.3458		



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Foreign Materials

PASS

Date Analyzed: 01/12/2022 **Date Completed:** 01/14/2022
Instrument: Amscope Microscope **Method:** GTL-SOP-008-Determination of Filth and Foreign Matter

Foreign Material	Result (%)	Limit (%)	Pass/Fail
Filth and Foreign Material	ND	2	Pass

Heavy Metals

PASS

Date Analyzed: 01/12/2022 **Date Completed:** 01/14/2022
Instrument: ICPMS **Method:** GTL-SOP-017-Heavy Metals by ICPMS

Heavy Metals	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Cadmium	ND	0.00021	0.00041	0.2	Pass
Lead	ND	0.00220	0.00440	0.5	Pass
Arsenic	ND	0.00020	0.00040	0.2	Pass
Mercury	ND	0.00005	0.00009	0.1	Pass

Microbial Analysis

PASS

Date Analyzed: 01/9/2022 **Date Completed:** 01/14/2022
Instrument: qPCR by AriaMx and TEMPO **Method:** GTL-SOP-019-qPCR by AriaMx

Microbial	Result (CFU/g)	LOD (CFU/g)	LOQ (CFU/g)	Limit (CFU/g)	Pass/Fail
Escherichia Coli (E. Coli)	ND	1.00	1.00	1	Pass
Yeast/Mold	ND	825	1651	10,000	Pass
Salmonella spp	ND	1.00	1.00	1	Pass
Aspergillus fumigatus	ND	1.00	1.00	1	Pass
Aspergillus terreus	ND	1.00	1.00	1	Pass
Aspergillus flavus	ND	1.00	1.00	1	Pass
Aspergillus niger	ND	1.00	1.00	1	Pass



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Pesticide Profile

PASS

Date Analyzed: 01/12/2022 **Date Completed:** 01/14/2022
Instrument: LCMSMS **Method:** GTL-SOP-016-Pesticides and Mycotoxins by LCMSMS

Pesticide	Result (ppm)	LOD (ppb)	LOQ (ppm)	Limit (ppm)	Pass/Fail
Abamectin	<LOD	0.183	0.367	0.5	Pass
Azoxystrobin	ND	0.114	0.228	0.2	Pass
Bifenazate	ND	0.118	0.236	0.2	Pass
Etoxazole	ND	0.1	0.2	0.2	Pass
Imazalil	ND	0.117	0.234	0.2	Pass
Imidacloprid	ND	0.092	0.183	0.4	Pass
Malathion	ND	0.098	0.196	0.2	Pass
Myclobutanil	ND	0.150	0.299	0.2	Pass
Permethrin	ND	0.094	0.188	0.2	Pass
Spinosad	ND	0.099	0.199	0.2	Pass
Spiromesifen	ND	0.101	0.201	0.2	Pass
Spirotetramat	<LOD	0.083	0.165	0.2	Pass
Tebuconazole	ND	0.098	0.196	0.4	Pass

Water Activity

PASS

Date Analyzed: 01/12/2022 **Date Completed:** 01/14/2022
Instrument: TDL Water Activity **Method:** GTL-SOP-015- Activity by Aqualab TDL

Water Activity	Result (aw)	Limit (aw)	Pass/Fail
Water Activity	0.2479	0.65	Pass

Anthony Brixey

Brandy Schafer

Reviewed By: Anthony Brixey
01/18/2022

Approved By: Brandy Schafer
01/18/2022



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