

Sample Name: Gelato #33
LIMS Sample ID: 200228R004
Batch #: CS-02272020-GEL-0.5g
Source METRC UID: 1A406030000232E000000554

Sample Type: Concentrate, Product Inhalable
Batch Count: 1281 Unit(s)
Sample Count: 36 Unit(s)
Unit Mass: 0.5 Grams per Unit
Serving Mass:
Density:

Date Collected: 02/28/2020
Date Received: 02/29/2020
Tested for: ADIRA Distribution, Inc.
License #: C11-0000739-LIC
Address: 3440 AIRWAY DR, SUITE c, SANTA ROSA, CA 95403-2065
Produced by: lob manufacturing inc.
License #: CDPH-10002733
Address: 3440 AIRWAY DR STE D, SANTA ROSA, CA 95403-2065

Overall result for batch CS-02272020-GEL-0.5g: Pass

Moisture Test Results

Moisture Results (%)
NI

Cannabinoid Test Results

03/01/2020

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/g	%	LOD / LOQ mg/g
Δ9THC	694.681	69.4681	0.052 / 0.158
Δ8THC	ND	ND	0.053 / 0.162
THCa	44.709	4.4709	0.052 / 0.156
THCV	2.931	0.2931	0.023 / 0.069
THCVa	ND	ND	0.091 / 0.276
CBD	1.718	0.1718	0.052 / 0.158
CBDa	0.623	0.0623	0.052 / 0.156
CBDV	ND	ND	0.021 / 0.063
CBDVa	ND	ND	0.037 / 0.111
CBG	23.267	2.3267	0.030 / 0.092
CBGa	7.397	0.7397	0.044 / 0.133
CBL	ND	ND	0.130 / 0.393
CBN	2.566	0.2566	0.052 / 0.157
CBC	8.146	0.8146	0.031 / 0.094
CBCa	6.157	0.6157	0.129 / 0.392

Sum of Cannabinoids:	792.195	79.2195	396.098 mg/Unit
Total THC (Δ9THC+0.877*THCa)	733.891	73.3891	366.946 mg/Unit
Total CBD (CBD+0.877*CBDa)	2.264	0.2264	1.132 mg/Unit

	Action Limit mg		
Δ9THC per Unit	1000.0	Pass	347.340 mg/Unit
Δ9THC per Serving			

Batch Photo



Terpene Test Results

03/02/2020

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

	mg/g	%	LOD / LOQ mg/g
Pinene	2.652	0.2652	0.044 / 0.135
Camphene	0.44	0.044	0.053 / 0.16
Sabinene	ND	ND	0.054 / 0.165
Pinene	2.219	0.2219	0.054 / 0.162
Myrcene	3.648	0.3648	0.054 / 0.164
Phellandrene	ND	ND	0.073 / 0.222
3 Carene	ND	ND	0.057 / 0.174
Terpinene	ND	ND	0.06 / 0.18
Limonene	21.823	2.1823	0.026 / 0.078
Eucalyptol	<LOQ	<LOQ	0.042 / 0.126
Ocimene	0.844	0.0844	0.056 / 0.171
Terpinene	ND	ND	0.06 / 0.181
Sabinene Hydrate	<LOQ	<LOQ	0.036 / 0.108
Fenchone	0.252	0.0252	0.061 / 0.184
Terpinolene	0.224	0.0224	0.045 / 0.135
Linalool	5.095	0.5095	0.038 / 0.116
Fenchol	1.878	0.1878	0.045 / 0.138
(-)-Isopulegone	ND	ND	0.026 / 0.08
Camphor	ND	ND	0.108 / 0.327
Isoborneol	ND	ND	0.066 / 0.201
Borneol	0.323	0.0323	0.097 / 0.293
Menthol	ND	ND	0.044 / 0.135
Terpineol	1.869	0.1869	0.045 / 0.136
Nerol	ND	ND	0.045 / 0.137
R-(+)-Pulegone	ND	ND	0.045 / 0.135
Geraniol	0.1	0.01	0.033 / 0.1
Geranyl Acetate	ND	ND	0.031 / 0.095
Cedrene	0.536	0.0536	0.034 / 0.102
Caryophyllene	20.158	2.0158	0.036 / 0.108
Humulene	4.630	0.4630	0.025 / 0.076
Valencene	0.170	0.0170	0.015 / 0.046
Nerolidol	ND	ND	0.07 / 0.212
Caryophyllene Oxide	0.244	0.0244	0.055 / 0.167
Guaiol	ND	ND	0.044 / 0.132
Cedrol	ND	ND	0.057 / 0.173
Bisabolol	<LOQ	<LOQ	0.034 / 0.102

Total Terpene Concentration: 67.105 6.7105

Sample Certification

California Code of Regulations Title 16 Effect Date January 16, 2019
Authority: Section 26013, Business and Professions Code.
Reference: Sections 26100, 26104 and 26110, Business and Professions Code.



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Sample must be marked as public to be viewable

Ashley Phillips

Ashley Phillips, LQC Verified By
Date: 03/02/2020

Josh Wurzer

Josh Wurzer, President
Date: 03/02/2020

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Overall result for batch CS-02272020-GEL-0.5g: Pass

Pesticide Test Results - Pass

03/01/2020

Pesticide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Abamectin	Pass ND	0.1	0.030 / 0.091
Acephate	Pass ND	0.1	0.013 / 0.039
Acequinocyl	Pass ND	0.1	0.010 / 0.031
Acetamiprid	Pass ND	0.1	0.013 / 0.038
Azoxystrobin	Pass ND	0.1	0.015 / 0.047
Bifenazate	Pass ND	0.1	0.012 / 0.035
Bifenthrin	Pass ND	3.0	0.013 / 0.038
Boscalid	Pass ND	0.1	0.008 / 0.023
Captan	Pass ND	0.7	0.099 / 0.300
Carbaryl	Pass ND	0.5	0.014 / 0.043
Chlorantraniliprole	Pass ND	10.0	0.020 / 0.061
Clofentezine	Pass ND	0.1	0.009 / 0.027
Cyfluthrin	Pass ND	2.0	0.099 / 0.299
Cypermethrin	Pass ND	1.0	0.030 / 0.091
Diazinon	Pass ND	0.1	0.009 / 0.027
Dimethomorph	Pass ND	2.0	0.018 / 0.055
Etoxazole	Pass ND	0.1	0.007 / 0.022
Fenhexamid	Pass ND	0.1	0.015 / 0.045
Fenpyroximate	Pass ND	0.1	0.012 / 0.036
Fonicamid	Pass ND	0.1	0.022 / 0.066
Fludioxonil	Pass ND	0.1	0.020 / 0.061
Hexythiazox	Pass ND	0.1	0.009 / 0.027
Imidacloprid	Pass ND	5.0	0.017 / 0.050
Kresoxim-methyl	Pass ND	0.1	0.010 / 0.029
Malathion	Pass ND	0.5	0.006 / 0.019
Metalaxyl	Pass ND	2.0	0.011 / 0.033
Methomyl	Pass ND	1.0	0.022 / 0.067
Myclobutanil	Pass ND	0.1	0.015 / 0.044
Naled	Pass ND	0.1	0.010 / 0.031
Oxamyl	Pass ND	0.5	0.014 / 0.042
Pentachloronitrobenzene	Pass ND	0.1	0.020 / 0.061
Permethrin	Pass ND	0.5	0.027 / 0.082
Phosmet	Pass ND	0.1	0.010 / 0.030
Piperonylbutoxide	Pass ND	3.0	0.007 / 0.020
Prallethrin	Pass ND	0.1	0.011 / 0.032
Propiconazole	Pass ND	0.1	0.004 / 0.013
Pyrethrins	Pass ND	0.5	0.012 / 0.036
Pyridaben	Pass ND	0.1	0.007 / 0.020
Spinetoram	Pass ND	0.1	0.006 / 0.017
Spinosad	Pass ND	0.1	0.010 / 0.031
Spiromesifen	Pass ND	0.1	0.005 / 0.015
Spirotetramat	Pass ND	0.1	0.014 / 0.042
Tebuconazole	Pass ND	0.1	0.006 / 0.018
Thiamethoxam	Pass ND	5.0	0.011 / 0.033
Trifloxystrobin	Pass ND	0.1	0.007 / 0.020

Pesticide Test Results - Pass

03/01/2020

Pesticide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry and GC-Mass Spectrometry

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Aldicarb	Pass ND	ND	0.030 / 0.091
Carbofuran	Pass ND	ND	0.029 / 0.089
Chlordane	Pass ND	ND	0.032 / 0.097
Chlorfenapyr	Pass ND	ND	0.030 / 0.090
Chlorpyrifos	Pass ND	ND	0.029 / 0.089
Coumaphos	Pass ND	ND	0.029 / 0.089
Daminozide	Pass ND	ND	0.030 / 0.091
DDVP (Dichlorvos)	Pass ND	ND	0.029 / 0.089
Dimethoate	Pass ND	ND	0.029 / 0.089
Ethoprop(hos)	Pass ND	ND	0.029 / 0.089
Etofenprox	Pass ND	ND	0.029 / 0.089
Fenoxycarb	Pass ND	ND	0.029 / 0.089
Fipronil	Pass ND	ND	0.029 / 0.089
Imazalil	Pass ND	ND	0.029 / 0.089
Methiocarb	Pass ND	ND	0.029 / 0.089
Methyl parathion	Pass ND	ND	0.029 / 0.089
Mevinphos	Pass ND	ND	0.029 / 0.089
Pacllobutrazol	Pass ND	ND	0.029 / 0.089
Propoxur	Pass ND	ND	0.029 / 0.089
Spiroxamine	Pass ND	ND	0.029 / 0.089
Thiacloprid	Pass ND	ND	0.029 / 0.089

Mycotoxin Test Results - Pass

03/01/2020

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

	Results (µg/kg)	Action Limit µg/kg	LOD / LOQ µg/kg
Aflatoxin B1	Pass ND	20.0	1.0 / 3.0
Aflatoxin B2	Pass ND	20.0	2.0 / 6.0
Aflatoxin G1	Pass ND	20.0	1.0 / 3.0
Aflatoxin G2	Pass ND	20.0	2.0 / 6.0
Aflatoxin B1, B2, G1, G2	Pass ND	20.0	
Ochratoxin A	Pass ND	20.0	6.0 / 18.0

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Josh Wurzer

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Residual Solvent Test Results - Pass
03/01/2020

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
1,2-Dichloroethane	Pass ND	1.0	0.111 / 0.336
Benzene	Pass ND	1.0	0.043 / 0.132
Chloroform	Pass ND	1.0	0.064 / 0.195
Ethylene Oxide	Pass ND	1.0	0.136 / 0.413
Methylene chloride	Pass ND	1.0	0.172 / 0.521
Trichloroethylene	Pass ND	1.0	0.040 / 0.120
Acetone	Pass <LOQ	5000.0	14.703 / 44.549
Acetonitrile	Pass ND	410.0	2.727 / 8.262
Butane	Pass 220.144	5000.0	5.672 / 17.185
Ethanol	Pass <LOQ	5000.0	11.775 / 35.679
Ethyl acetate	Pass ND	5000.0	16.227 / 49.169
Ethyl ether	Pass ND	5000.0	11.608 / 35.172
Heptane	Pass ND	5000.0	12.982 / 39.336
Hexane	Pass ND	290.0	1.816 / 5.502
Isopropyl Alcohol	Pass 76.705	5000.0	15.358 / 46.536
Methanol	Pass ND	3000.0	15.584 / 47.220
Pentane	Pass ND	5000.0	12.355 / 37.434
Propane	Pass ND	5000.0	1.359 / 4.117
Toluene	Pass ND	890.0	7.174 / 21.736
Total Xylenes	Pass ND	2170.0	34.438 / 104.347

Microbiological Test Results - Pass
03/02/2020

PCR and fluorescence detection of microbiological impurities

	Results	Action Limit
Shiga toxin-producing Escherichia coli	Pass ND	ND
Salmonella spp.	Pass ND	ND
Aspergillus fumigatus	Pass ND	ND
Aspergillus flavus	Pass ND	ND
Aspergillus niger	Pass ND	ND
Aspergillus terreus	Pass ND	ND

Foreign Material Test Results - Pass
02/29/2020

Pass

Water Activity Test Results

Water Activity	Results (Aw)	Action Limit Aw
	NT	

Heavy Metal Test Results - Pass
02/29/2020

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

	Results (µg/g)	Action Limit µg/g	LOD / LOQ µg/g
Cadmium	Pass ND	0.2	0.012 / 0.035
Lead	Pass <LOQ	0.5	0.031 / 0.095
Arsenic	Pass ND	0.2	0.013 / 0.039
Mercury	Pass ND	0.1	0.002 / 0.005

Note
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