



Pineapple Express

METRC Sample: 1A40603000070EA000476350; METRC Batch: 1A406030000678A000028580

Sample ID: 2410DEC1582.4559	Produced: 10/17/2024	Distributor	Producer
Strain: Pineapple Express	Collected: 10/21/2024	Ironworks Collective, Inc	Ironworks Collective, Inc
Matrix: Plant	Received: 10/21/2024		
Type: Enhanced/Infused Preroll	Completed: 10/24/2024	Lic. # C11-0000620-LIC	Lic. # CDPH-10003246
Sample Size: 20 units; Batch: 3,928 units	Batch#: ST-40MBPEX-M1724	718 E. Commercial St. Los Angeles, CA 90012	718 E. Commercial St. Los Angeles, CA 90012



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	10/22/2024	Pass
Moisture	10/22/2024	11.0% - Complete
Water Activity	10/22/2024	0.56 aw - Pass
Residual Solvents	10/24/2024	Pass
Microbials	10/22/2024	Pass
Mycotoxins	10/22/2024	Pass
Pesticides	10/22/2024	Pass
Heavy Metals	10/22/2024	Pass
Foreign Matter	10/21/2024	Pass

Cannabinoids

Pass

36.386%	0.175%	38.217%
Total THC	Total CBD	Total (neutral) Cannabinoids

Analyte	LOD mg/g	LOQ mg/g	Results %	Results mg/g	Results mg/serving	Results mg/container
THCa	0.1000	0.2000	8.2454	82.454	41.227	206.136
Δ9-THC	0.1000	0.2000	29.1544	291.544	145.772	728.861
Δ8-THC	0.1000	0.2000	ND	ND	ND	ND
THCV	0.1000	0.2000	0.1893	1.893	0.946	4.732
CBDa	0.1000	0.2000	0.0812	0.812	0.406	2.030
CBD	0.1000	0.2000	0.1041	1.041	0.521	2.603
CBDV	0.1000	0.2000	ND	ND	ND	ND
CBN	0.1000	0.3000	0.1808	1.808	0.904	4.521
CBGa	0.1000	0.2000	0.1548	1.548	0.774	3.869
CBG	0.1000	0.2000	0.9258	9.258	4.629	23.144
CBC	0.1000	0.2000	0.2242	2.242	1.121	5.605
Total THC			36.386	363.857	181.928	909.642
Total CBD			0.175	1.753	0.877	4.384
Total (neutral) Cannabinoids			38.217	382.168	191.084	955.420

Date Tested: 10/22/2024

5 servings per container.

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; Total (neutral) Cannabinoids = CBDV + THCV + CBD + (CBDa x 0.877) + CBG + (CBGa x 0.877) + CBN + Δ9-THC + (THCa x 0.877) + Δ8-THC + CBC; LOD = Limit of Detection; LOQ = Limit of Quantitation; ND = Not Detected; NR = Not Reported; NT = Not Tested; The result is reported based on dry weight considering sample weight and the applicable moisture content for that sample for all plant matrix samples; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory in accordance with CCR 4 Division 19 section 15730. Cannabinoids Testing Method: SOP-TM001, SOP-TM003 (for plant and non-infused pre-roll categories/matrices only). Instrument: HPLC-PDA.



Levon Antonyan
 Levon Antonyan, PhD
 Laboratory Director
 10/24/2024

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Sample Size: 20 units; Batch: 3,928 units	Batch#: ST-40MBPEX-M1724	718 E. Commercial St. Los Angeles, CA 90012	718 E. Commercial St. Los Angeles, CA 90012

Pesticides

Pass

Analyte	LOD	LOQ	Limit	Results	Status	Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.0208	0.0625	0.1	ND	Pass	Fludioxonil	0.0208	0.0625	0.1	ND	Pass
Acephate	0.0208	0.0625	0.1	ND	Pass	Hexythiazox	0.0208	0.0625	0.1	ND	Pass
Acequinocyl	0.0208	0.0625	0.1	ND	Pass	Imazalil	0.0208	0.0625	0.0208	ND	Pass
Acetamiprid	0.0208	0.0625	0.1	ND	Pass	Imidacloprid	0.0208	0.0625	5	ND	Pass
Aldicarb	0.0208	0.0625	0.0208	ND	Pass	Kresoxim Methyl	0.0208	0.0625	0.1	ND	Pass
Azoxystrobin	0.0208	0.0625	0.1	ND	Pass	Malathion	0.0208	0.0625	0.5	ND	Pass
Bifenazate	0.0208	0.0625	0.1	ND	Pass	Metalaxyl	0.0208	0.0625	2	ND	Pass
Bifenthrin	0.0208	0.0625	3	ND	Pass	Methiocarb	0.0208	0.0625	0.0208	ND	Pass
Boscalid	0.0208	0.0625	0.1	ND	Pass	Methomyl	0.0208	0.0625	1	ND	Pass
Captan	0.208	0.625	0.7	ND	Pass	Mevinphos	0.0208	0.0625	0.0208	ND	Pass
Carbaryl	0.0208	0.0625	0.5	ND	Pass	Myclobutanil	0.0208	0.0625	0.1	ND	Pass
Carbofuran	0.0208	0.0625	0.0208	ND	Pass	Naled	0.0208	0.0625	0.1	ND	Pass
Chlorantraniliprole	0.0208	0.0625	10	ND	Pass	Oxamyl	0.0208	0.0625	0.5	ND	Pass
Chlordane	0.0208	0.0625	0.0208	ND	Pass	Pacllobutrazol	0.0208	0.0625	0.0208	ND	Pass
Chlorfenapyr	0.0208	0.0625	0.0208	ND	Pass	Parathion Methyl	0.0208	0.0625	0.0208	ND	Pass
Chlorpyrifos	0.0208	0.0625	0.0208	ND	Pass	Pentachloronitrobenzene	0.0208	0.0625	0.1	ND	Pass
Clofentezine	0.0208	0.0625	0.1	ND	Pass	Permethrin	0.0208	0.0625	0.5	ND	Pass
Coumaphos	0.0208	0.0625	0.0208	ND	Pass	Phosmet	0.0208	0.0625	0.1	ND	Pass
Cyfluthrin	0.0208	0.0625	2	ND	Pass	Piperonyl Butoxide	0.0208	0.0625	3	ND	Pass
Cypermethrin	0.0208	0.0625	1	ND	Pass	Prallethrin	0.0208	0.0625	0.1	ND	Pass
Daminozide	0.0208	0.0625	0.0208	ND	Pass	Propiconazole	0.0208	0.0625	0.1	ND	Pass
Diazinon	0.0208	0.0625	0.1	ND	Pass	Propoxur	0.0208	0.0625	0.0208	ND	Pass
Dichlorvos	0.0208	0.0625	0.0208	ND	Pass	Pyrethrins	0.0208	0.0625	0.5	ND	Pass
Dimethoate	0.0208	0.0625	0.0208	ND	Pass	Pyridaben	0.0208	0.0625	0.1	ND	Pass
Dimethomorph	0.0208	0.0625	2	ND	Pass	Spinetoram	0.0208	0.0625	0.1	ND	Pass
Ethoprophos	0.0208	0.0625	0.0208	ND	Pass	Spinosad	0.0208	0.0625	0.1	ND	Pass
Etofenprox	0.0208	0.0625	0.0208	ND	Pass	Spiromesifen	0.0208	0.0625	0.1	ND	Pass
Etoxazole	0.0208	0.0625	0.1	ND	Pass	Spirotetramat	0.0208	0.0625	0.1	ND	Pass
Fenhexamid	0.0208	0.0625	0.1	ND	Pass	Spiroxamine	0.0208	0.0625	0.0208	ND	Pass
Fenoxycarb	0.0208	0.0625	0.0208	ND	Pass	Tebuconazole	0.0208	0.0625	0.1	ND	Pass
Fenpyroximate	0.0208	0.0625	0.1	ND	Pass	Thiacloprid	0.0208	0.0625	0.0208	ND	Pass
Fipronil	0.0208	0.0625	0.0208	ND	Pass	Thiamethoxam	0.0208	0.0625	5	ND	Pass
Fonicamid	0.0208	0.0625	0.1	ND	Pass	Trifloxystrobin	0.0208	0.0625	0.1	ND	Pass

Date Tested: 10/22/2024

LOQ = Limit of Quantitation; ND = Not Detected; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory per CCR 4 Division 19 §15730. Residual Pesticides Testing Method: SOP-020, SOP-022, SOP-040, SOP-044, SOP-045, SOP-046, SOP-050, SOP-055, SOP-058, SOP-068, SOP-072, SOP-131, SOP-132, SOP-135; Instrument: LCMSTQ & GCMSTQ. Captan, Chlordane, Chlorfenapyr, Methyl Parathion, Pentachloronitrobenzene (PCNB) are analyzed using GCMSTQ system.



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Sample Size: 20 units; Batch: 3,928 units	Batch#: ST-40MBPEX-M1724	718 E. Commercial St. Los Angeles, CA 90012	718 E. Commercial St. Los Angeles, CA 90012

Microbials

Pass

Analyte	Limit	Results	Status
	CFU/g	CFU/g	
Aspergillus flavus	Not Detected in 1g	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Not Detected in 1g	Pass
E. Coli	Not Detected in 1g	Not Detected in 1g	Pass
Salmonella SPP	Not Detected in 1g	Not Detected in 1g	Pass



Date Tested: 10/22/2024

TNTC = Too Numerous to Count; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory in accordance with CCR 4 Division 19 §15730. Microbial Impurities Testing Method: SOP-101, SOP-102, SOP-103, SOP-104, SOP-117, SOP-118, SOP-119, SOP-120, SOP-121; Instrument: PCR



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VK Labs LLC dba Decano Analytical Laboratories. All LQC ran in accordance with CCR 4 Division 19 §15730. Laboratory Decision Rule for Measurement Uncertainty is Simple Acceptance. Moisture Content Testing: SOP-020, SOP-074; Instrument: Moisture Analyzer. Water Activity Testing: SOP-020, SOP-058, SOP-075, SOP-076, SOP-135, SOP-137, SOP-138; Instrument: Water Activity Meter. Foreign Material Testing: SOP-066; Visual Inspection, Sampling: SOP-018, SOP-051. This product has been tested by VK Labs LLC dba Decano Analytical Laboratories, using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. VK Labs LLC dba Decano Analytical Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of VK Labs LLC dba Decano Analytical Laboratories.



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Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
B1	0.83	2.5		ND	Tested
B2	0.83	2.5		ND	Tested
G1	0.83	2.5		ND	Tested
G2	0.83	2.5		ND	Tested
Ochratoxin A	0.83	2.5	20	ND	Pass
Total Aflatoxins	3.33	10	20	ND	Pass



Date Tested: 10/22/2024

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Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.03	0.075	0.2	ND	Pass
Cadmium	0.03	0.075	0.2	ND	Pass
Lead	0.03	0.075	0.5	0.0754	Pass
Mercury	0.003	0.0075	0.1	<LOQ	Pass



Date Tested: 10/22/2024

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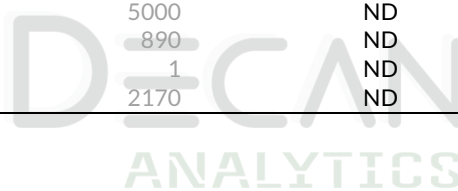
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Residual Solvents

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.39	0.782	1	ND	Pass
Acetone	4.882	9.766	5000	ND	Pass
Acetonitrile	19.532	78.126	410	ND	Pass
Benzene	0.39	0.782	1	ND	Pass
Butane	4.882	9.766	5000	ND	Pass
Chloroform	0.39	0.782	1	ND	Pass
Ethanol	19.532	78.126	5000	ND	Pass
Ethyl-Acetate	9.766	39.062	5000	ND	Pass
Ethyl-Ether	4.882	9.766	5000	ND	Pass
Ethylene Oxide	0.39	0.782	1	ND	Pass
Heptane	4.882	9.766	5000	ND	Pass
Isopropanol	19.532	78.126	5000	ND	Pass
Methanol	19.532	78.126	3000	ND	Pass
Methylene-Chloride	0.39	0.782	1	ND	Pass
n-Hexane	4.882	9.766	290	ND	Pass
Pentane	4.882	9.766	5000	ND	Pass
Propane	9.766	39.062	5000	ND	Pass
Toluene	4.882	9.766	890	ND	Pass
Trichloroethene	0.39	0.782	1	ND	Pass
Xylenes	9.766	19.532	2170	ND	Pass



Date Tested: 10/24/2024

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