



Hardcore OG

METRC Sample: 1A40603000070EA000471401; METRC Batch: 1A406030000678A000028147

Sample ID: 2407DEC0918.2237	Produced: 07/17/2024	Distributor	Producer
Strain: Hardcore OG	Collected: 07/18/2024	Ironworks Collective, Inc	Ironworks Collective, Inc
Matrix: Concentrates & Extracts	Received: 07/18/2024		
Type: Distillate	Completed: 07/23/2024	Lic. # C11-0000620-LIC	Lic. # CDPH-10003246
Sample Size: 32 units; Batch: 11,269 units	Batch#: ST-ORG-HOG-G1724	718 E. Commercial St. Los Angeles, CA 90012	718 E. Commercial St. Los Angeles, CA 90012



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	07/19/2024	Pass
Residual Solvents	07/19/2024	Pass
Microbials	07/19/2024	Pass
Mycotoxins	07/23/2024	Pass
Pesticides	07/23/2024	Pass
Heavy Metals	07/19/2024	Pass
Foreign Matter	07/18/2024	Pass

Cannabinoids

Pass

91.862%	0.161%	95.643%
Total THC	Total CBD	Total (neutral) Cannabinoids

Analyte	LOD	LOQ	Results	Results	Results	Results
	mg/g	mg/g	%	mg/g	mg/serving	mg/container
THCa	0.4000	0.9000	ND	ND	ND	ND
Δ9-THC	0.4000	0.9000	91.8621	918.621	0.919	918.621
Δ8-THC	0.4000	0.9000	ND	ND	ND	ND
THCV	0.4000	0.8000	0.4537	4.537	0.005	4.537
CBDa	0.4000	0.8000	ND	ND	ND	ND
CBD	0.4000	0.8000	0.1612	1.612	0.002	1.612
CBDV	0.4000	0.8000	ND	ND	ND	ND
CBN	0.4000	1.0000	0.3064	3.064	0.003	3.064
CBGa	0.4000	0.8000	ND	ND	ND	ND
CBG	0.4000	0.8000	2.5626	25.626	0.026	25.626
CBC	0.4000	1.0000	0.2968	2.968	0.003	2.968
Total THC			91.862	918.621	0.919	918.621
Total CBD			0.161	1.612	0.002	1.612
Total (neutral) Cannabinoids			95.643	956.428	0.956	956.428

Date Tested: 07/19/2024

1000 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.



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 07/23/2024

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Matrix: Concentrates & Extracts	Received: 07/18/2024		
Type: Distillate	Completed: 07/23/2024	Lic. # C11-0000620-LIC	Lic. # CDPH-10003246
Sample Size: 32 units; Batch: 11,269 units	Batch#: ST-ORG-HOG-G1724	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
Clofentazine	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: 07/23/2024

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: 32 units; Batch: 11,269 units	Batch#: ST-ORG-HOG-G1724	718 E. Commercial St. Los Angeles, CA 90012	718 E. Commercial St. Los Angeles, CA 90012

Microbials

Pass

Analyte	Limit CFU/g	Results CFU/g	Status
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: 07/19/2024

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 µg/kg	LOQ µg/kg	Limit µg/kg	Results µg/kg	Status
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: 07/23/2024

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Type: Distillate	Completed: 07/23/2024	Lic. # C11-0000620-LIC	Lic. # CDPH-10003246
Sample Size: 32 units; Batch: 11,269 units	Batch#: ST-ORG-HOG-G1724	718 E. Commercial St. Los Angeles, CA 90012	718 E. Commercial St. Los Angeles, CA 90012

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.01	0.025	0.2	ND	Pass
Cadmium	0.01	0.025	0.2	ND	Pass
Lead	0.01	0.025	0.5	ND	Pass
Mercury	0.001	0.0025	0.1	ND	Pass



Date Tested: 07/19/2024

LOQ = Limit of Quantitation; ND = Not Detected; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory in accordance with CCR 4 Division 19 §15730. Residual Solvents Testing Method: SOP-020, SOP-022, SOP-037, SOP-058, SOP-065, SOP-134, SOP-135; Instrument: ICPMS



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Hardcore OG

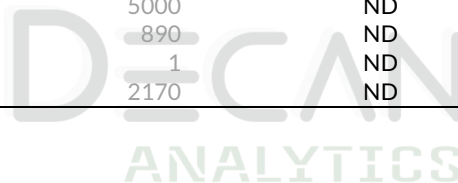
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Type: Distillate	Completed: 07/23/2024	Lic. # C11-0000620-LIC	Lic. # CDPH-10003246
Sample Size: 32 units; Batch: 11,269 units	Batch#: ST-ORG-HOG-G1724	718 E. Commercial St.	718 E. Commercial St. Los Angeles, CA
		Los Angeles, CA 90012	90012

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	26.520	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	<LOQ	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	<LOQ	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: 07/19/2024

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