Certificate of Analysis

ANALYZED BY:
Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

CUSTOMER:
Kiva Products, LLC
2300 N Loop Rd. Alameda
CA 94502

MANUFACTURER:
Atlantic Candy Company
St Augustine, FL 32086

SAMPLE INFORMATION

Sample No.: 1291683
Product Name: Kiva Camino Hemp Wild Berry
Matrix: Edible (Gummy)
Lot #: KV05250318-54705

Date Collected: 03/24/2025
Date Received: 03/25/2025
Date Reported: 04/01/2025

TEST SUMMARY

Cannabinoid Profile:	Tested	**Microbiological Screen:**	Tested
Pesticide Residue Screen:	Pass	**Residual Solvent Screen:**	Pass
Heavy Metal Screen:	Pass	**Foreign Material:**	Pass
Mycotoxin Screen:	Pass	**Water Activity:**	Pass

Cannabinoid Profile

03/25/2025

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.0333 mg/g
Limit of Quantitation 0.1000 mg/g

Cannabinoid	mg/g	%	mg/serving
Δ8-THC	ND	ND	ND
Δ9-THC	1.42	0.142	5.10
Δ9-THCA	ND	ND	ND
THCV	ND	ND	ND
THCVA	ND	ND	ND
CBD	ND	ND	ND
CBDA	ND	ND	ND
CBC	ND	ND	ND
CBCA	ND	ND	ND
CBDV	ND	ND	ND
CBG	<LOQ	<LOQ	<LOQ
CBGA	ND	ND	ND
CBN	ND	ND	ND
Total THC	1.42	0.142	5.10
Total CBD	ND	ND	ND
Total Cannabinoids	1.42	0.142	5.10
Sum of Cannabinoids	1.42	0.142	5.10
Serving Weight (g)	3.6		

Total THC = Δ8-THC + Δ9-THC + (0.877 * THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

Microbiological Screen

03/31/2025

Analyte	Findings	Units	Method
Salmonella	Not Detected	/10g	AOAC 2016.01
STEC	Not Detected	/10g	Neogen MDS STEC
Total Yeast and Mold	<10	cfu/g	FDA BAM
Total Aerobic Plate Count	<10	cfu/g	FDA BAM
Total Coliforms	<10	cfu/g	FDA BAM - ECC Agar
Total Enterobacteriaceae	<10	cfu/g	AOAC 2003.01
Staphylococcus aureus	<10	cfu/g	AOAC 2003.07
Aspergillus	Not Detected	/10g	GENE- UP ASPERGILLUS PRO
Listeria Species	Not Detected	/10g	AOAC 2016.07

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Pesticide Residue Screen ✔ Pass

03/27/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Abamectin	0.04/0.10	ND	0.3	Pass
Acephate	0.02/0.06	ND	5.0	Pass
Acequinocyl	0.04/0.10	ND	4.0	Pass
Acetamiprid	0.017/0.05	ND	5.0	Pass
Aldicarb	0.02/0.06	ND	0.02	Pass
Azoxystrobin	0.02/0.06	ND	40.0	Pass
Bifenazate	0.02/0.06	ND	5.0	Pass
Bifenthrin	0.04/0.10	ND	0.5	Pass
Boscalid	0.02/0.06	ND	10.0	Pass
Captan	0.2/0.6	ND	5.0	Pass
Carbaryl	0.02/0.06	ND	0.5	Pass
Carbofuran	0.017/0.05	ND	0.017	Pass
Chlorantraniliprole	0.02/0.06	ND	40.0	Pass
Chlordane	0.02/0.06	ND	0.02	Pass
Chlorfenapyr	0.02/0.06	ND	0.02	Pass
Chlorpyrifos	0.02/0.06	ND	0.02	Pass
Clofentezine	0.02/0.06	ND	0.5	Pass
Coumaphos	0.02/0.06	ND	0.02	Pass
Cyfluthrin	0.10/0.30	ND	1.0	Pass
Cypermethrin	0.10/0.30	ND	1.0	Pass
Daminozide	0.017/0.05	ND	0.017	Pass
DDVP (Dichlorvos)	0.013/0.04	ND	0.013	Pass
Diazinon	0.017/0.05	ND	0.2	Pass
Dimethoate	0.017/0.05	ND	0.017	Pass
Dimethomorph	0.017/0.05	ND	20.0	Pass
Ethoprop(hos)	0.02/0.06	ND	0.02	Pass
Etofenprox	0.02/0.06	ND	0.02	Pass
Etoxazole	0.02/0.06	ND	1.5	Pass
Fenhexamid	0.017/0.05	ND	10.0	Pass
Fenoxycarb	0.02/0.06	ND	0.02	Pass
Fenpyroximate	0.02/0.06	ND	2.0	Pass
Fipronil	0.02/0.06	ND	0.02	Pass
Flonicamid	0.02/0.06	ND	2.0	Pass
Fludioxonil	0.02/0.06	ND	30.0	Pass
Hexythiazox	0.02/0.06	ND	2.0	Pass
Imazalil	0.02/0.06	ND	0.02	Pass
Imidacloprid	0.02/0.06	ND	3.0	Pass
Kresoxim Methyl	0.02/0.06	ND	1.0	Pass
Malathion	0.017/0.05	ND	5.0	Pass
Metalaxyl	0.017/0.05	ND	15.0	Pass
Methiocarb	0.02/0.06	ND	0.02	Pass
Methomyl	0.013/0.04	ND	0.1	Pass
Methyl parathion	0.02/0.06	ND	0.02	Pass
Mevinphos	0.02/0.06	ND	0.02	Pass
Myclobutanil	0.02/0.06	ND	9.0	Pass
Naled	0.017/0.05	ND	0.5	Pass
Oxamyl	0.013/0.04	ND	0.2	Pass
Paclobutrazol	0.02/0.06	ND	0.02	Pass
Pentachloronitrobenzene	0.017/0.05	ND	0.2	Pass
Permethrins	0.10/0.30	ND	20.0	Pass
Phosmet	0.02/0.06	ND	0.2	Pass
Piperonyl Butoxide	0.02/0.06	ND	8.0	Pass
Prallethrin	0.04/0.10	ND	0.4	Pass
Propiconazole	0.02/0.06	ND	20.0	Pass
Propoxur	0.013/0.04	ND	0.013	Pass
Pyrethrins	0.15/0.50	ND	1.0	Pass
Pyridaben	0.017/0.05	ND	3.0	Pass
Spinetoram	0.02/0.06	ND	3.0	Pass
Spinosad	0.02/0.06	ND	3.0	Pass
Spiromesifen	0.04/0.10	ND	12.0	Pass
Spirotetramat	0.02/0.06	ND	13.0	Pass
Spiroxamine	0.017/0.05	ND	0.017	Pass
Tebuconazole	0.02/0.06	ND	2.0	Pass
Thiacloprid	0.013/0.04	ND	0.013	Pass
Thiamethoxam	0.02/0.06	ND	4.5	Pass

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Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Trifloxystrobin	0.02/0.06	ND	30.0	Pass
2-Phenylphenol	0.08/0.25	ND	-	-
3,4-Dichloroaniline	0.08/0.25	ND	-	-
Acetochlor	0.05/0.15	ND	-	-
Alachlor	0.05/0.15	ND	-	-
Allethrin	0.15/0.50	ND	-	-
Ametryn	0.03/0.10	ND	-	-
Aminocarb	0.03/0.10	ND	-	-
Ancymidol	0.02/0.06	ND	-	-
Anthraquinone	0.05/0.15	ND	-	-
Atrazine	0.03/0.10	ND	-	-
Azadirachtin	0.15/0.50	ND	-	-
Benzovindiflupyr	0.05/0.15	ND	-	-
Biphenyl	0.08/0.25	ND	-	-
Buprofezin	0.03/0.10	ND	-	-
Carbendazim	0.03/0.10	ND	-	-
Chlormequat Chloride	0.03/0.10	ND	-	-
Clothianidin	0.03/0.10	ND	-	-
Cyantraniliprole	0.03/0.10	ND	-	-
Cycloate	0.08/0.25	ND	-	-
Cyhalothrin (Lambda)	0.15/0.50	ND	-	-
Cyprodinil	0.03/0.10	ND	-	-
Cyromazine	0.03/0.10	ND	-	-
DCPA (Dacthal, Chlorthal-dimethyl)	0.03/0.10	ND	-	-
Deltamethrin I/II	0.15/0.50	ND	-	-
Diclobutrazol	0.02/0.06	ND	-	-
Diflubenzuron	0.08/0.25	ND	-	-
Dinotefuran	0.05/0.15	ND	-	-
Diphenylamine	0.08/0.25	ND	-	-
Diuron	0.03/0.10	ND	-	-
Dodemorph	0.02/0.06	ND	-	-
Endosulfan I (alpha)	0.08/0.25	ND	-	-
Endosulfan II (beta)	0.08/0.25	ND	-	-
Endosulfan Sulfate	0.08/0.25	ND	-	-
Ethirimol	0.02/0.06	ND	-	-
Etridiazole	0.15/0.50	ND	-	-
Fensulfothion	0.02/0.06	ND	-	-
Fenthion	0.03/0.10	ND	-	-
Fenvalerate	0.03/0.10	ND	-	-
Fluopyram	0.02/0.06	ND	-	-
Flurprimidol	0.03/0.10	ND	-	-
Flutriafol	0.05/0.15	ND	-	-
Formetanate HCl	0.03/0.10	ND	-	-
Hexaconazole	0.05/0.15	ND	-	-
Hydramethylnon	0.05/0.15	ND	-	-
Indole-3-butyric Acid	0.08/0.25	ND	-	-
Indoxacarb	0.05/0.15	ND	-	-
Iprodione	0.15/0.50	ND	-	-
Mandipropamid	0.03/0.10	ND	-	-
Metaflumizone	0.08/0.25	ND	-	-
Methoprene	0.15/0.50	ND	-	-
Methoxyfenozide	0.02/0.06	ND	-	-
Metolachlor	0.05/0.15	ND	-	-
MGK 264	0.03/0.10	ND	-	-
Novaluron	0.05/0.15	ND	-	-
Nuarimol	0.05/0.15	ND	-	-
o,p'-DDD	0.03/0.10	ND	-	-
o,p'-DDE	0.03/0.10	ND	-	-
o,p'-DDT	0.03/0.10	ND	-	-
p,p'-DDD	0.03/0.10	ND	-	-
p,p'-DDE	0.03/0.10	ND	-	-
p,p'-DDT	0.03/0.10	ND	-	-
Pendimethalin	0.08/0.25	ND	-	-
Pentachloroaniline	0.03/0.10	ND	-	-
Pentachloroanisole	0.10/0.30	ND	-	-
Pentachlorobenzene	0.03/0.10	ND	-	-
Pentachlorobenzonitrile	0.03/0.10	ND	-	-
Phenothrin	0.08/0.25	ND	-	-
Pirimicarb	0.02/0.06	ND	-	-
Prometryne	0.02/0.06	ND	-	-

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Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Propamocarb	0.08/0.25	ND	-	-
Propargite	0.08/0.25	ND	-	-
Propyzamide	0.05/0.15	ND	-	-
Pymetrozine	0.03/0.10	ND	-	-
Pyraclostrobin	0.03/0.10	ND	-	-
Pyrimethanil	0.03/0.10	ND	-	-
Pyriproxyfen	0.05/0.15	ND	-	-
Quinoxyfen	0.03/0.10	ND	-	-
Resmethrin	0.15/0.50	ND	-	-
Spirodiclofen	0.15/0.50	ND	-	-
Sulfoxaflor	0.03/0.10	ND	-	-
Tau-Fluvalinate	0.08/0.25	ND	-	-
Tebufenozide	0.03/0.10	ND	-	-
Teflubenzuron	0.08/0.25	ND	-	-
Terbutryn	0.02/0.06	ND	-	-
Tetrachlorvinphos	0.15/0.50	ND	-	-
Tetramethrin	0.15/0.50	ND	-	-
Thiabendazole	0.02/0.06	ND	-	-
Thiobencarb	0.03/0.10	ND	-	-
Thiophanate-methyl	0.02/0.06	ND	-	-
Tricyclazole	0.02/0.06	ND	-	-
Triflumizole	0.05/0.15	ND	-	-

Residual Solvent Screen ✔ Pass

03/27/2025

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
1,2-Dichloroethane	0.5/0.5	ND	1	Pass
Acetone	57/200	ND	5000	Pass
Acetonitrile	56/200	ND	410	Pass
Benzene	0.5/0.5	ND	1	Pass
n-Butane	45/200	ND	5000	Pass
Chloroform	0.5/0.5	ND	1	Pass
Ethanol	37/200	2740.00	5000	Pass
Ethyl acetate	38/200	ND	5000	Pass
Ethyl ether	37/200	ND	5000	Pass
Ethylene oxide	0.1/0.5	ND	1	Pass
n-Heptane	135/200	ND	5000	Pass
n-Hexane	49/200	ND	290	Pass
Isopropyl alcohol	57/200	ND	5000	Pass
Methanol	37/200	ND	3000	Pass
Methylene chloride	0.1/0.5	ND	1	Pass
n-Pentane	37/200	ND	5000	Pass
Propane	72/200	ND	5000	Pass
Toluene	49/200	ND	890	Pass
Total xylenes (ortho-, meta-, para-)	58/200	ND	2170	Pass
Trichloroethylene	0.5/0.5	ND	1	Pass

Heavy Metal Screen ✔ Pass

03/27/2025

Method: MF 24E020

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

Analyte	LOD / LOQ (µg/g)	Findings (µg/g)	Limit	Status
Antimony	0.02/0.05	ND	2.0	Pass
Arsenic	0.02/0.05	ND	0.2	Pass
Cadmium	0.02/0.05	ND	0.2	Pass
Chromium	0.02/0.05	ND	0.6	Pass
Copper	0.02/0.05	0.1	30	Pass
Lead	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	0.1	Pass
Nickel	0.02/0.05	ND	2.0	Pass

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Foreign Material ✔ Pass

03/27/2025

Method: MF-CHEM-7

Analyte	Findings	Limit	Status
Sand, Soils, Cinders, and Dirt	ND	25%	Pass
Mold	ND	25%	Pass
Imbedded Foreign Material	ND	25%	Pass
Insect Fragment	ND	1 per 3g	Pass
Hair	ND	1 per 3g	Pass
Mammalian Excreta	ND	1 per 3g	Pass

Mycotoxin Screen

03/27/2025

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

Analyte	LOD/LOQ (ppb)	Findings (ppb)	Limit (ppb)	Status
Aflatoxin B1	2/5	ND	-	-
Aflatoxin B2	2/5	ND	-	-
Aflatoxin G1	2/5	ND	-	-
Aflatoxin G2	2/5	ND	-	-
Total Aflatoxins	8/20	ND	20	Pass
Ochratoxin A	6/18	ND	20	Pass

Water Activity

03/27/2025

Method: MF-CHEM-14

Instrument: Water Activity Meter

Analyte	Findings	Limit	Status
Water Activity	0.70	0.85	Pass

ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by

Zachary Eisenberg
Vice President

Scan to verify

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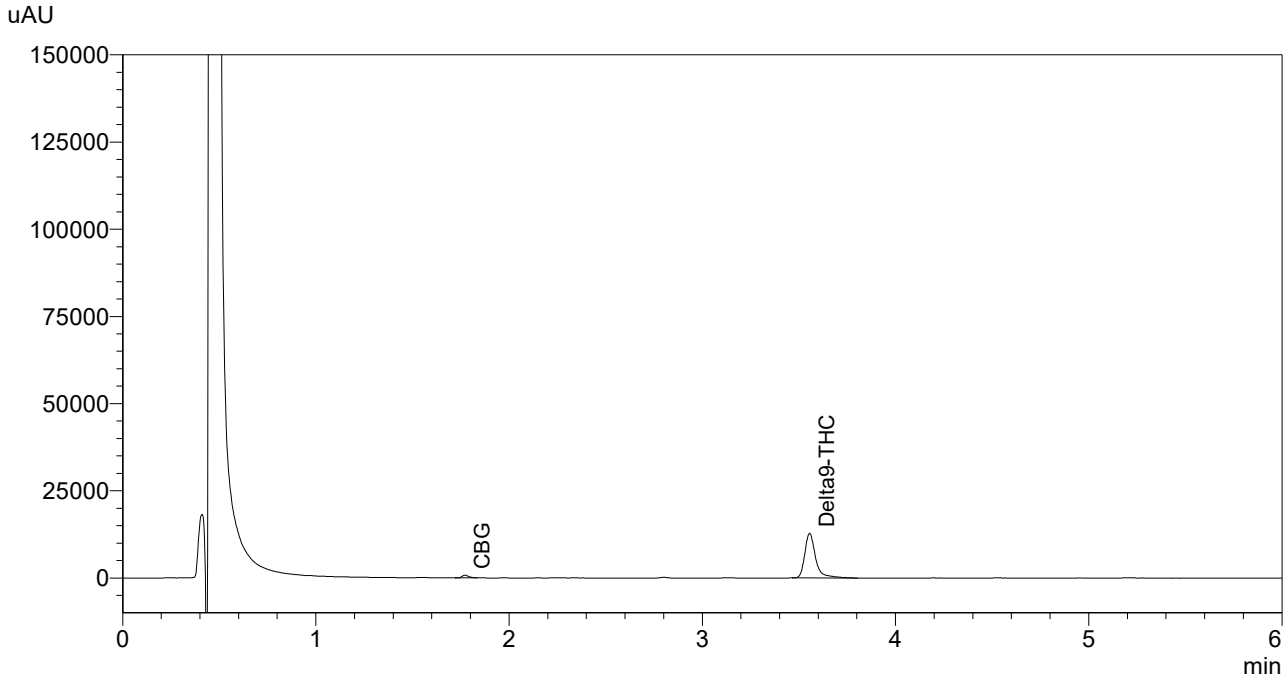
Cannabis Potency Report

<Sample Information>

Sample Name	: 1291683A 10x		
Sample ID	: run070		
Data Filename	: 1291683A 10x_run070_001.lcd		
Method Filename	: Blue_Cannabinoid Calibration - CP4-03, CP4-04_2.lcm		
Batch Filename	: 03-25-2025 processed.lcb		
Vial #	: 2-15	Sample Type	: Unknown
Injection Volume	: 2 uL		
Date Acquired	: 3/25/2025 6:36:10 PM	Acquired by	: System Administrator
Date Processed	: 3/26/2025 8:31:07 AM	Processed by	: System Administrator
Sample Amount	: 4.8062 grams		
Dilution Factor	: 500		

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

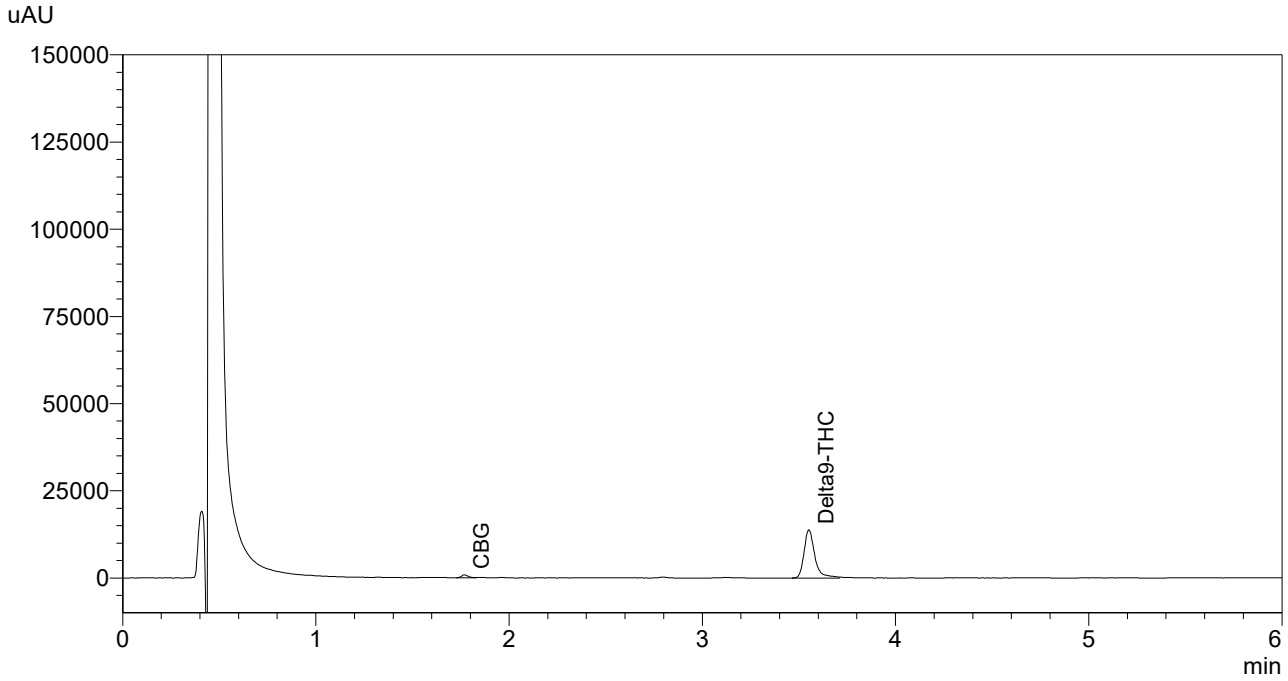
Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	1.772	CBG	1867	781	0.043	mg/g
2	3.555	Delta9-THC	49774	12685	1.385	mg/g

Cannabis Potency Report

<Sample Information>

Sample Name	: 1291683B 10x		
Sample ID	: run071		
Data Filename	: 1291683B 10x_run071_002.lcd		
Method Filename	: Blue_Cannabinoid Calibration - CP4-03, CP4-04_2.lcm		
Batch Filename	: 03-25-2025 processed.lcb		
Vial #	: 2-16	Sample Type	: Unknown
Injection Volume	: 2 uL		
Date Acquired	: 3/25/2025 6:42:32 PM	Acquired by	: System Administrator
Date Processed	: 3/26/2025 8:31:07 AM	Processed by	: System Administrator
Sample Amount	: 4.9167 grams		
Dilution Factor	: 500		

<Cannabinoid Chromatogram>



<Peak Table>

PDA Ch1 228nm

Peak#	Ret. Time	Name	Area	Height	Conc.	Unit
1	1.769	CBG	1931	802	0.043	mg/g
2	3.552	Delta9-THC	53201	13701	1.447	mg/g