

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124

CUSTOMER:

Happi Co
239 E Michigan, Suite 275
Paw Paw, MI 49079

**SAMPLE INFORMATION**

Sample No.: 1310161
Product Name: Happi Raspberry
Matrix: Edible (Beverage)
Lot #: HRH203

Date Collected: 06/12/2025
Date Received: 06/24/2025
Date Reported: 07/01/2025

TEST SUMMARY

Cannabinoid Profile: ✔ Tested
Pesticide Residue Screen: ✔ Pass
Heavy Metal Screen: ✔ Pass
Mycotoxin Screen: ✔ Pass

Microbiological Screen: ✔ Pass
Residual Solvent Screen: ✔ Pass
Foreign Material: ✔ Pass

Cannabinoid Profile

06/27/2025

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.0008 mg/g
Limit of Quantitation 0.0025 mg/g

Cannabinoid	mg/g	%	mg/ml	mg/serving	Labeled mg/serving	% Difference
Δ8-THC	ND	ND	ND	ND	-	-
Δ9-THC	0.0169	0.00169	0.0170	4.04	5	19.29
Δ9-THCA	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	-	-
CBD	ND	ND	ND	ND	-	-
CBDA	ND	ND	ND	ND	-	-
CBC	ND	ND	ND	ND	-	-
CBCA	ND	ND	ND	ND	-	-
CBDV	ND	ND	ND	ND	-	-
CBG	ND	ND	ND	ND	-	-
CBGA	ND	ND	ND	ND	-	-
CBN	ND	ND	ND	ND	-	-
Total THC	0.0169	0.00169	0.0170	4.04	-	-
Total CBD	ND	ND	ND	ND	-	-
Total Cannabinoids	0.0169	0.00169	0.0170	4.04	-	-
Sum of Cannabinoids	0.0169	0.00169	0.0170	4.04	-	-
Serving Weight (g)	238.7775					
g/ml Conversion Factor	1.0075					

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 ✔ Pass

07/01/2025

Analyte	Findings	Units	Status
Salmonella	Not Detected/25g	/1g	Pass
STEC	Not Detected/25g	/1g	Pass
Yeast	0/10	cfu/ml	-
Mold	0/10	cfu/ml	-

Pesticide Residue Screen ✔ Pass

07/01/2025

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	0.015/0.05	ND	0.05	Pass
Acephate	0.003/0.01	ND	0.01	Pass
Acequinocyl	0.003/0.01	ND	0.01	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Acetamiprid	0.003/0.01	ND	0.01	Pass
Aldicarb	0.003/0.01	ND	0.01	Pass
Azoxystrobin	0.003/0.01	ND	0.01	Pass
Bifenazate	0.003/0.01	ND	0.01	Pass
Bifenthrin	0.003/0.01	ND	0.01	Pass
Boscalid	0.003/0.01	ND	0.01	Pass
Captan	0.250/0.7	ND	0.7	Pass
Carbaryl	0.003/0.01	ND	0.01	Pass
Carbofuran	0.003/0.01	ND	0.01	Pass
Chlorantraniliprole	0.003/0.01	ND	0.01	Pass
Chlordane	0.020/0.06	ND	0.06	Pass
Chlorfenapyr	0.015/0.05	ND	0.05	Pass
Chlorpyrifos	0.003/0.01	ND	0.01	Pass
Clofentezine	0.003/0.01	ND	0.01	Pass
Coumaphos	0.003/0.01	ND	0.01	Pass
Cyfluthrin	0.015/0.05	ND	0.05	Pass
Cypermethrin	0.015/0.05	ND	0.05	Pass
Daminozide	0.003/0.01	ND	0.01	Pass
DDVP (Dichlorvos)	0.003/0.01	ND	0.01	Pass
Diazinon	0.003/0.01	ND	0.01	Pass
Dimethoate	0.003/0.01	ND	0.01	Pass
Dimethomorph	0.003/0.01	ND	0.01	Pass
Ethoprop(hos)	0.003/0.01	ND	0.01	Pass
Etofenprox	0.003/0.01	ND	0.01	Pass
Etoxazole	0.003/0.01	ND	0.01	Pass
Fenhexamid	0.007/0.02	ND	0.02	Pass
Fenoxycarb	0.003/0.01	ND	0.01	Pass
Fenpyroximate	0.007/0.02	ND	0.02	Pass
Fipronil	0.003/0.01	ND	0.01	Pass
Flonicamid	0.003/0.01	ND	0.01	Pass
Fludioxonil	0.003/0.01	ND	0.01	Pass
Hexythiazox	0.003/0.01	ND	0.01	Pass
Imazalil	0.003/0.01	ND	0.01	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass
Kresoxim Methyl	0.003/0.01	ND	0.01	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metalaxyl	0.003/0.01	ND	0.01	Pass
Methiocarb	0.003/0.01	ND	0.01	Pass
Methomyl	0.003/0.01	ND	0.01	Pass
Methyl parathion	0.003/0.01	ND	0.01	Pass
Mevinphos	0.007/0.02	ND	0.02	Pass
Myclobutanil	0.003/0.01	ND	0.01	Pass
Naled	0.003/0.01	ND	0.01	Pass
Oxamyl	0.003/0.01	ND	0.01	Pass
Paclobutrazol	0.003/0.01	ND	0.01	Pass
Pentachloronitrobenzene	0.003/0.01	ND	0.01	Pass
Permethrins	0.015/0.05	ND	0.05	Pass
Phosmet	0.003/0.01	ND	0.01	Pass
Piperonyl Butoxide	0.003/0.01	ND	0.01	Pass
Prallethrin	0.015/0.05	ND	0.05	Pass
Propiconazole	0.003/0.01	ND	0.01	Pass
Propoxur	0.003/0.01	ND	0.01	Pass
Pyrethrins	0.015/0.05	ND	0.05	Pass
Pyridaben	0.003/0.01	ND	0.01	Pass
Spinetoram	0.003/0.01	ND	0.01	Pass
Spinosad	0.003/0.01	ND	0.01	Pass
Spiromesifen	0.003/0.01	ND	0.01	Pass
Spirotetramat	0.003/0.01	ND	0.01	Pass
Spiroxamine	0.003/0.01	ND	0.01	Pass
Tebuconazole	0.003/0.01	ND	0.01	Pass
Thiacloprid	0.003/0.01	ND	0.01	Pass
Thiamethoxam	0.003/0.01	ND	0.01	Pass
Trifloxystrobin	0.003/0.01	ND	0.01	Pass
2-Phenylphenol	0.08/0.25	ND	0.25	Pass
3,4-Dichloroaniline	0.08/0.25	ND	0.25	Pass
Acetochlor	0.05/0.15	ND	0.5	Pass
Alachlor	0.05/0.15	ND	0.25	Pass
Allethrin	0.015/0.05	ND	0.05	Pass
Ametryn	0.03/0.10	ND	0.5	Pass
Aminocarb	0.03/0.10	ND	0.25	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Ancymidol	0.02/0.06	ND	0.06	Pass
Anthraquinone	0.05/0.15	ND	0.25	Pass
Atrazine	0.007/0.02	ND	0.02	Pass
Azadirachtin	0.100/0.30	ND	0.3	Pass
Benzovindiflupyr	0.003/0.01	ND	0.01	Pass
Biphenyl	0.08/0.25	ND	0.25	Pass
Buprofezin	0.003/0.01	ND	0.01	Pass
Carbendazim	0.03/0.10	ND	0.5	Pass
Chlormequat Chloride	0.03/0.10	ND	0.1	Pass
Clothianidin	0.003/0.01	ND	0.01	Pass
Cyantraniliprole	0.003/0.01	ND	0.01	Pass
Cycloate	0.08/0.25	ND	0.5	Pass
Cyhalothrin (Lambda)	0.030/0.10	ND	0.1	Pass
Cyprodinil	0.03/0.10	ND	0.1	Pass
Cyromazine	0.03/0.10	ND	0.5	Pass
DCPA (Dacthal, Chlorthal-dimethyl)	0.03/0.10	ND	0.5	Pass
Deltamethrin I/II	0.015/0.05	ND	0.05	Pass
Diclobutrazol	0.02/0.06	ND	0.5	Pass
Diflubenzuron	0.08/0.25	ND	0.5	Pass
Dinotefuran	0.007/0.02	ND	0.02	Pass
Diphenylamine	0.08/0.25	ND	0.5	Pass
Diuron	0.007/0.02	ND	0.02	Pass
Dodemorph	0.003/0.01	ND	0.01	Pass
Endosulfan I (alpha)	0.015/0.05	ND	0.05	Pass
Endosulfan II (beta)	0.015/0.05	ND	0.05	Pass
Endosulfan Sulfate	0.015/0.05	ND	0.05	Pass
Ethirimol	0.02/0.06	ND	0.5	Pass
Etridiazole	0.003/0.01	ND	0.01	Pass
Fensulfothion	0.003/0.01	ND	0.01	Pass
Fenthion	0.003/0.01	ND	0.01	Pass
Fenvalerate	0.015/0.05	ND	0.05	Pass
Fluopyram	0.003/0.01	ND	0.01	Pass
Flurprimidol	0.03/0.10	ND	0.1	Pass
Flutriafol	0.05/0.15	ND	0.5	Pass
Formetanate HCl	0.03/0.10	ND	0.1	Pass
Hexaconazole	0.05/0.15	ND	0.5	Pass
Hydramethylnon	0.05/0.15	ND	0.5	Pass
Indole-3-butyric Acid	0.08/0.25	ND	0.25	Pass
Indoxacarb	0.05/0.15	ND	0.5	Pass
Iprodione	0.015/0.05	ND	0.05	Pass
Kinoprene	0.015/0.05	ND	0.05	Pass
Mandipropamid	0.03/0.10	ND	0.5	Pass
Metaflumizone	0.08/0.25	ND	0.5	Pass
Methoprene	0.100/0.30	ND	0.3	Pass
Methoxyfenozide	0.02/0.06	ND	0.5	Pass
Metolachlor	0.05/0.15	ND	0.25	Pass
MGK 264	0.015/0.05	ND	0.05	Pass
Novaluron	0.007/0.02	ND	0.02	Pass
Nuarimol	0.05/0.15	ND	0.5	Pass
o,p'-DDD	0.03/0.10	ND	0.1	Pass
o,p'-DDE	0.03/0.10	ND	0.1	Pass
o,p'-DDT	0.03/0.10	ND	0.1	Pass
p,p'-DDD	0.03/0.10	ND	0.1	Pass
p,p'-DDE	0.03/0.10	ND	0.1	Pass
p,p'-DDT	0.03/0.10	ND	0.1	Pass
Pendimethalin	0.030/0.10	ND	0.1	Pass
Pentachloroanisole	0.10/0.30	ND	0.5	Pass
Phenothrin	0.030/0.10	ND	0.1	Pass
Pirimicarb	0.003/0.01	ND	0.01	Pass
Prometryne	0.02/0.06	ND	0.5	Pass
Propamocarb	0.08/0.25	ND	0.5	Pass
Propargite	0.08/0.25	ND	0.5	Pass
Propyzamide	0.05/0.15	ND	0.5	Pass
Pymetrozine	0.03/0.10	ND	0.5	Pass
Pyraclostrobin	0.003/0.010	ND	0.01	Pass
Pyrimethanil	0.03/0.10	ND	0.5	Pass
Pyriproxyfen	0.003/0.01	ND	0.01	Pass
Quinoxifen	0.03/0.10	ND	0.5	Pass
Resmethrin	0.007/0.02	ND	0.02	Pass
Spirodiclofen	0.050/0.15	ND	0.15	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Sulfoxafloer	0.03/0.10	ND	0.25	Pass
Tau-Fluvalinate	0.08/0.25	ND	0.5	Pass
Tebufenozide	0.003/0.01	ND	0.01	Pass
Teflubenzuron	0.007/0.02	ND	0.02	Pass
Terbutryn	0.02/0.06	ND	0.25	Pass
Tetrachlorvinphos	0.003/0.01	ND	0.01	Pass
Tetramethrin	0.015/0.05	ND	0.05	Pass
Thiabendazole	0.007/0.02	ND	0.02	Pass
Thiobencarb	0.03/0.10	ND	0.5	Pass
Thiophanate-methyl	0.007/0.02	ND	0.02	Pass
Tricyclazole	0.02/0.06	ND	0.5	Pass
Triflumizole	0.05/0.15	ND	0.5	Pass

Residual Solvent Screen ✓ Pass

06/27/2025

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	240.00	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

06/27/2025

Method: MF-CHEM-16

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

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.003/0.05	ND	1.5	Pass
Cadmium	0.008/0.05	ND	0.5	Pass
Mercury	0.002/0.05	ND	3	Pass
Lead	0.01/0.125	ND	0.5	Pass

Foreign Material ✓ Pass

06/27/2025

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

07/01/2025

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

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

Reported by




Vu Lam
Lab Co Director



Scan to verify

ANALYZED BY:

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

CUSTOMER:

Happi Co
239 E Michigan, Suite 275
Paw Paw, MI 49079

**SAMPLE INFORMATION**

Sample No.: 1272236
Product Name: Happi Lime
Matrix: Edible (Beverage)
Lot #: HLM202

Date Collected: 01/22/2025
Date Received: 01/28/2025
Date Reported: 02/03/2025

TEST SUMMARY

Cannabinoid Profile: ✓ Pass
Pesticide Residue Screen: ✓ Pass
Heavy Metal Screen: ✓ Pass
Mycotoxin Screen: ✓ Pass

Microbiological Screen: ✓ Pass
Residual Solvent Screen: ✓ Pass
Foreign Material: ✓ Pass

Cannabinoid Profile ✓ Pass

01/30/2025

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection 0.0008 mg/g
Limit of Quantitation 0.0025 mg/g

Cannabinoid	mg/g	%	mg/ml	mg/package	Labeled mg/package	% Difference	Status
Δ8-THC	ND	ND	ND	ND	-	-	-
Δ9-THC	0.0208	0.00208	0.0210	4.97	5	0.60	Pass
Δ9-THCA	ND	ND	ND	ND	-	-	-
THCV	ND	ND	ND	ND	-	-	-
THCVA	ND	ND	ND	ND	-	-	-
CBD	ND	ND	ND	ND	-	-	-
CBDA	ND	ND	ND	ND	-	-	-
CBC	ND	ND	ND	ND	-	-	-
CBCA	ND	ND	ND	ND	-	-	-
CBDV	ND	ND	ND	ND	-	-	-
CBG	ND	ND	ND	ND	-	-	-
CBGA	ND	ND	ND	ND	-	-	-
CBN	ND	ND	ND	ND	-	-	-
Total THC	0.0208	0.00208	0.0210	4.97	-	-	-
Total CBD	ND	ND	ND	ND	-	-	-
Total Cannabinoids	0.0208	0.00208	0.0210	4.97	-	-	-
Sum of Cannabinoids	0.0208	0.00208	0.0210	4.97	-	-	-
Package Weight (g) 238.9434							
g/ml Conversion Factor 1.0082							

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 ✓ Pass

02/03/2025

Analyte	Findings	Units	Status
Salmonella	Not Detected/25g	/1g	Pass
STEC	Not Detected/25g	/1g	Pass
Yeast	0	cfu/10ml	-
Mold	0	cfu/10ml	-

Pesticide Residue Screen ✓ Pass

01/30/2025

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

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
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
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	-	-

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
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	-	-
Flutriafof	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	-	-
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	-	-
Pirimethanil	0.03/0.10	ND	-	-

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Pyriproxyfen	0.05/0.15	ND	-	-
Quinoxifen	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

01/30/2025

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	800.00	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

01/30/2025

Method: MF-CHEM-16

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

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.02/0.05	ND	1.5	Pass
Cadmium	0.02/0.05	ND	0.5	Pass
Mercury	0.02/0.05	ND	3	Pass
Lead	0.02/0.125	ND	0.5	Pass

Foreign Material ✔ Pass

01/30/2025

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

01/30/2025

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

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

Reported by




Vu Lam
Lab Co Director



Scan to verify

ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124

CUSTOMER:

Happi Co
239 E Michigan, Suite 275
Paw Paw, MI 49079

**SAMPLE INFORMATION**

Sample No.: 1310154
Product Name: Happi Glow
Matrix: Edible (Beverage)
Lot #: HGL203

Date Collected: 06/13/2025
Date Received: 06/24/2025
Date Reported: 07/01/2025

TEST SUMMARY

Cannabinoid Profile: ✔ Tested

Pesticide Residue Screen: ✔ Pass

Heavy Metal Screen: ✔ Pass

Mycotoxin Screen: ✔ Pass

Microbiological Screen: ✔ Pass

Residual Solvent Screen: ✔ Pass

Foreign Material: ✔ Pass

Cannabinoid Profile

06/27/2025

Method: MF-CHEM-15

Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)

Limit of Detection 0.0008 mg/g

Limit of Quantitation 0.0025 mg/g

Cannabinoid	mg/g	%	mg/ml	mg/serving	Labeled mg/serving	% Difference
Δ8-THC	ND	ND	ND	ND	-	-
Δ9-THC	0.0179	0.00179	0.0181	4.28	5	14.40
Δ9-THCA	ND	ND	ND	ND	-	-
THCV	ND	ND	ND	ND	-	-
THCVA	ND	ND	ND	ND	-	-
CBD	0.0191	0.00191	0.0193	4.57	5	8.66
CBDA	ND	ND	ND	ND	-	-
CBC	ND	ND	ND	ND	-	-
CBCA	ND	ND	ND	ND	-	-
CBDV	ND	ND	ND	ND	-	-
CBG	0.0116	0.00116	0.0117	2.77	3	7.54
CBGA	ND	ND	ND	ND	-	-
CBN	0.0078	0.00078	0.0079	1.87	2	6.75
Total THC	0.0179	0.00179	0.0181	4.28	-	-
Total CBD	0.0191	0.00191	0.0193	4.57	-	-
Total Cannabinoids	0.0564	0.00564	0.0569	13.49	-	-
Sum of Cannabinoids	0.0564	0.00564	0.0569	13.49	-	-
Serving Weight (g)	239.1093					
g/ml Conversion Factor	1.0089					

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 ✔ Pass

07/01/2025

Analyte	Findings	Units	Status
Salmonella	Not Detected/25g	/1g	Pass
STEC	Not Detected/25g	/1g	Pass
Yeast	0/10	cfu/ml	-
Mold	0/10	cfu/ml	-

Pesticide Residue Screen ✔ Pass

06/27/2025

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	0.015/0.05	ND	0.05	Pass
Acephate	0.003/0.01	ND	0.01	Pass
Acequinocyl	0.003/0.01	ND	0.01	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Acetamiprid	0.003/0.01	ND	0.01	Pass
Aldicarb	0.003/0.01	ND	0.01	Pass
Azoxystrobin	0.003/0.01	ND	0.01	Pass
Bifenazate	0.003/0.01	ND	0.01	Pass
Bifenthrin	0.003/0.01	ND	0.01	Pass
Boscalid	0.003/0.01	ND	0.01	Pass
Captan	0.250/0.7	ND	0.7	Pass
Carbaryl	0.003/0.01	ND	0.01	Pass
Carbofuran	0.003/0.01	ND	0.01	Pass
Chlorantraniliprole	0.003/0.01	ND	0.01	Pass
Chlordane	0.020/0.06	ND	0.06	Pass
Chlorfenapyr	0.015/0.05	ND	0.05	Pass
Chlorpyrifos	0.003/0.01	ND	0.01	Pass
Clofentezine	0.003/0.01	ND	0.01	Pass
Coumaphos	0.003/0.01	ND	0.01	Pass
Cyfluthrin	0.015/0.05	ND	0.05	Pass
Cypermethrin	0.015/0.05	ND	0.05	Pass
Daminozide	0.003/0.01	ND	0.01	Pass
DDVP (Dichlorvos)	0.003/0.01	ND	0.01	Pass
Diazinon	0.003/0.01	ND	0.01	Pass
Dimethoate	0.003/0.01	ND	0.01	Pass
Dimethomorph	0.003/0.01	ND	0.01	Pass
Ethoprop(hos)	0.003/0.01	ND	0.01	Pass
Etofenprox	0.003/0.01	ND	0.01	Pass
Etoxazole	0.003/0.01	ND	0.01	Pass
Fenhexamid	0.007/0.02	ND	0.02	Pass
Fenoxycarb	0.003/0.01	ND	0.01	Pass
Fenpyroximate	0.007/0.02	ND	0.02	Pass
Fipronil	0.003/0.01	ND	0.01	Pass
Flonicamid	0.003/0.01	ND	0.01	Pass
Fludioxonil	0.003/0.01	ND	0.01	Pass
Hexythiazox	0.003/0.01	ND	0.01	Pass
Imazalil	0.003/0.01	ND	0.01	Pass
Imidacloprid	0.003/0.01	ND	0.01	Pass
Kresoxim Methyl	0.003/0.01	ND	0.01	Pass
Malathion	0.003/0.01	ND	0.01	Pass
Metalaxyl	0.003/0.01	ND	0.01	Pass
Methiocarb	0.003/0.01	ND	0.01	Pass
Methomyl	0.003/0.01	ND	0.01	Pass
Methyl parathion	0.003/0.01	ND	0.01	Pass
Mevinphos	0.007/0.02	ND	0.02	Pass
Myclobutanil	0.003/0.01	ND	0.01	Pass
Naled	0.003/0.01	ND	0.01	Pass
Oxamyl	0.003/0.01	ND	0.01	Pass
Paclobutrazol	0.003/0.01	ND	0.01	Pass
Pentachloronitrobenzene	0.003/0.01	ND	0.01	Pass
Permethrins	0.015/0.05	ND	0.05	Pass
Phosmet	0.003/0.01	ND	0.01	Pass
Piperonyl Butoxide	0.003/0.01	ND	0.01	Pass
Prallethrin	0.015/0.05	ND	0.05	Pass
Propiconazole	0.003/0.01	ND	0.01	Pass
Propoxur	0.003/0.01	ND	0.01	Pass
Pyrethrins	0.015/0.05	ND	0.05	Pass
Pyridaben	0.003/0.01	ND	0.01	Pass
Spinetoram	0.003/0.01	ND	0.01	Pass
Spinosad	0.003/0.01	ND	0.01	Pass
Spiromesifen	0.003/0.01	ND	0.01	Pass
Spirotetramat	0.003/0.01	ND	0.01	Pass
Spiroxamine	0.003/0.01	ND	0.01	Pass
Tebuconazole	0.003/0.01	ND	0.01	Pass
Thiacloprid	0.003/0.01	ND	0.01	Pass
Thiamethoxam	0.003/0.01	ND	0.01	Pass
Trifloxystrobin	0.003/0.01	ND	0.01	Pass
2-Phenylphenol	0.08/0.25	ND	0.25	Pass
3,4-Dichloroaniline	0.08/0.25	ND	0.25	Pass
Acetochlor	0.05/0.15	ND	0.5	Pass
Alachlor	0.05/0.15	ND	0.25	Pass
Allethrin	0.015/0.05	ND	0.05	Pass
Ametryn	0.03/0.10	ND	0.5	Pass
Aminocarb	0.03/0.10	ND	0.25	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Ancymidol	0.02/0.06	ND	0.06	Pass
Anthraquinone	0.05/0.15	ND	0.25	Pass
Atrazine	0.007/0.02	ND	0.02	Pass
Azadirachtin	0.100/0.30	ND	0.3	Pass
Benzovindiflupyr	0.003/0.01	ND	0.01	Pass
Biphenyl	0.08/0.25	ND	0.25	Pass
Buprofezin	0.003/0.01	ND	0.01	Pass
Carbendazim	0.03/0.10	ND	0.5	Pass
Chlormequat Chloride	0.03/0.10	ND	0.1	Pass
Clothianidin	0.003/0.01	ND	0.01	Pass
Cyantraniliprole	0.003/0.01	ND	0.01	Pass
Cycloate	0.08/0.25	ND	0.5	Pass
Cyhalothrin (Lambda)	0.030/0.10	ND	0.1	Pass
Cyprodinil	0.03/0.10	ND	0.1	Pass
Cyromazine	0.03/0.10	ND	0.5	Pass
DCPA (Dacthal, Chlorthal-dimethyl)	0.03/0.10	ND	0.5	Pass
Deltamethrin I/II	0.015/0.05	ND	0.05	Pass
Diclobutrazol	0.02/0.06	ND	0.5	Pass
Disulfobenzuron	0.08/0.25	ND	0.5	Pass
Dinotefuran	0.007/0.02	ND	0.02	Pass
Diphenylamine	0.08/0.25	ND	0.5	Pass
Diuron	0.007/0.02	ND	0.02	Pass
Dodemorph	0.003/0.01	ND	0.01	Pass
Endosulfan I (alpha)	0.015/0.05	ND	0.05	Pass
Endosulfan II (beta)	0.015/0.05	ND	0.05	Pass
Endosulfan Sulfate	0.015/0.05	ND	0.05	Pass
Ethirimol	0.02/0.06	ND	0.5	Pass
Etridiazole	0.003/0.01	ND	0.01	Pass
Fensulfothion	0.003/0.01	ND	0.01	Pass
Fenthion	0.003/0.01	ND	0.01	Pass
Fenvalerate	0.015/0.05	ND	0.05	Pass
Fluopyram	0.003/0.01	ND	0.01	Pass
Flurprimidol	0.03/0.10	ND	0.1	Pass
Flutriafol	0.05/0.15	ND	0.5	Pass
Formetanate HCl	0.03/0.10	ND	0.1	Pass
Hexaconazole	0.05/0.15	ND	0.5	Pass
Hydramethylnon	0.05/0.15	ND	0.5	Pass
Indole-3-butyric Acid	0.08/0.25	ND	0.25	Pass
Indoxacarb	0.05/0.15	ND	0.5	Pass
Iprodione	0.015/0.05	ND	0.05	Pass
Kinoprene	0.015/0.05	ND	0.05	Pass
Mandipropamid	0.03/0.10	ND	0.5	Pass
Metaflumizone	0.08/0.25	ND	0.5	Pass
Methoprene	0.100/0.30	ND	0.3	Pass
Methoxyfenozide	0.02/0.06	ND	0.5	Pass
Metolachlor	0.05/0.15	ND	0.25	Pass
MGK 264	0.015/0.05	ND	0.05	Pass
Novaluron	0.007/0.02	ND	0.02	Pass
Nuarimol	0.05/0.15	ND	0.5	Pass
o,p'-DDD	0.03/0.10	ND	0.1	Pass
o,p'-DDE	0.03/0.10	ND	0.1	Pass
o,p'-DDT	0.03/0.10	ND	0.1	Pass
p,p'-DDD	0.03/0.10	ND	0.1	Pass
p,p'-DDE	0.03/0.10	ND	0.1	Pass
p,p'-DDT	0.03/0.10	ND	0.1	Pass
Pendimethalin	0.030/0.10	ND	0.1	Pass
Pentachloroanisole	0.10/0.30	ND	0.5	Pass
Phenothrin	0.030/0.10	ND	0.1	Pass
Pirimicarb	0.003/0.01	ND	0.01	Pass
Prometryne	0.02/0.06	ND	0.5	Pass
Propamocarb	0.08/0.25	ND	0.5	Pass
Propargite	0.08/0.25	ND	0.5	Pass
Propyzamide	0.05/0.15	ND	0.5	Pass
Pymetrozine	0.03/0.10	ND	0.5	Pass
Pyraclostrobin	0.003/0.010	ND	0.01	Pass
Pyrimethanil	0.03/0.10	ND	0.5	Pass
Pyriproxyfen	0.003/0.01	ND	0.01	Pass
Quinoxifen	0.03/0.10	ND	0.5	Pass
Resmethrin	0.007/0.02	ND	0.02	Pass
Spirodiclofen	0.050/0.15	ND	0.15	Pass

Analyte	LOD/LOQ (ppm)	Findings (ppm)	Limit (ppm)	Status
Sulfoxafloer	0.03/0.10	ND	0.25	Pass
Tau-Fluvalinate	0.08/0.25	ND	0.5	Pass
Tebufenozide	0.003/0.01	ND	0.01	Pass
Teflubenzuron	0.007/0.02	ND	0.02	Pass
Terbutryn	0.02/0.06	ND	0.25	Pass
Tetrachlorvinphos	0.003/0.01	ND	0.01	Pass
Tetramethrin	0.015/0.05	ND	0.05	Pass
Thiabendazole	0.007/0.02	ND	0.02	Pass
Thiobencarb	0.03/0.10	ND	0.5	Pass
Thiophanate-methyl	0.007/0.02	ND	0.02	Pass
Tricyclazole	0.02/0.06	ND	0.5	Pass
Triflumizole	0.05/0.15	ND	0.5	Pass

Residual Solvent Screen ✓ Pass

06/27/2025

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	3470.00	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

06/27/2025

Method: MF-CHEM-16

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

Analyte	LOD/LOQ (µg/g)	Findings (µg/g)	Limit (µg/g)	Status
Arsenic	0.003/0.05	ND	1.5	Pass
Cadmium	0.008/0.05	ND	0.5	Pass
Mercury	0.002/0.05	ND	3	Pass
Lead	0.01/0.125	ND	0.5	Pass

Foreign Material ✓ Pass

06/27/2025

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

06/27/2025

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

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

Reported by




Vu Lam
Lab Co Director



Scan to verify