

Creative Flavors & Specialties

230 Davidson Avenue, Suite 302, Somerset NJ 08873

Licensee Permit #: C000065

Item Name: Head to Head - Flower

Quantity Sampled - 14.9 g

METRC ID: 1A4110300004845000000366

Source Package ID: 1A4110300004845000000364

Batch ID: Head to Head - 20251202

Strain Name: Head to Head

Sample Collected: 1/8/2026

Sample Received: 1/8/2026

Lab ID: CFSC000366

Manifest ID: 1226194

METRC Lab Test Batch

Raw Plant Material

Cannabinoids*	Date Tested		1/8/2026	
	Analyte	MRL	Unit	Unit
		%	% (w/w)	mg/g
	CBD	0.1	< MRL	< MRL
	CBDa	0.1	< MRL	< MRL
	CBN	0.1	< MRL	< MRL
	Δ9-THC	0.1	0.45	4.50
	THCa	0.1	27.71	277.10
	CBDV	0.1	< MRL	< MRL
	CBG	0.1	0.38	3.80
	CBGa	0.1	0.55	5.50
	Δ8-THC	0.1	< MRL	< MRL
	THCV	0.1	< MRL	< MRL
	CBC	0.1	< MRL	< MRL
Total Cannabinoids			29.09	290.90
Total THC (THCa*0.877) + Δ9-THC			24.75	247.52
Total CBD (CBDA*0.877) + CBD			0.00	0.00
Total CBG (CBGa*0.878) + CBG			0.86	8.63

Methods: SOP-025-GA, SOP-073-GA

Instrument: HPLC-PDA

Cannabinoids



CBD CBDA CBN THC THCa CBDV CBG
CBGa d8THC CBC THCV

Terpenes	Date Tested		1/9/2026	
	Analyte	MRL*	Unit	Unit
		%	%	mg/g
	alpha-Pinene	0.01	0.03	0.3
	Camphene	0.01	0.01	0.1
	Sabinene	0.01	< MRL	< MRL
	beta-Pinene	0.01	0.05	0.5
	beta-Myrcene	0.05	0.96	9.6
	Carene	0.01	< MRL	< MRL
	alpha-Terpinene	0.01	< MRL	< MRL
	Limonene	0.10	0.41	4.1
	Eucalyptol	0.01	< MRL	< MRL
	Ocimene	0.10	< MRL	< MRL
	gamma-Terpinene	0.01	< MRL	< MRL
	Sabinene hydrate	0.01	< MRL	< MRL
	Terpinolene	0.01	< MRL	< MRL
	Fenchone	0.01	< MRL	< MRL
	Linalool	0.05	0.18	1.8
	Fenchol	0.01	0.04	0.4
	Camphor	0.01	< MRL	< MRL
	Isoborneol	0.01	< MRL	< MRL
	Borneol	0.02	< MRL	< MRL
	Menthol	0.01	< MRL	< MRL
	Terpineol	0.05	0.06	0.6
	Nerol	0.10	< MRL	< MRL
	Pulegone	0.05	< MRL	< MRL
	Geraniol	0.20	< MRL	< MRL
	Geraniol acetate	0.20	< MRL	< MRL
	beta-Caryophyllene	0.01	0.42	4.2
	alpha-Humulene	0.01	0.12	1.2
	Valencene	0.01	< MRL	< MRL
	cis-Nerolidol	0.05	< MRL	< MRL
	trans-Nerolidol	0.10	< MRL	< MRL
	Caryophyllene oxide	0.01	0.02	0.2
	Guaiol	0.01	0.03	0.3
	Cedrol	0.01	< MRL	< MRL
	beta-Eudesmol	0.01	0.04	0.4
	alpha-Bisabolol	0.05	< MRL	< MRL

Total 2.37 23.7

Methods: SOP-063-GA, SOP-069-GA

Instrument: GCMS

Pesticides

PASS

Mycotoxins

PASS

Heavy Metals

PASS

Microbials

PASS

Water Activity

0.52 Aw
PASS

Solvents

Not Tested

Moisture Content

10.44 %
PASS

Foreign Matter

Tested

Vitamin E Acetate

Not Tested



1/11/2026

Tyler Lomax
Lab Director, Green Analytics East, LLC.
3535 Quakerbridge Rd., Suite 101
Hamilton Township, NJ 08619



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METRC Lab Test Batch

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Heavy Metals

Analyte	Limit	MRL	Unit	Status
	ppm	ppm	ppm	
Arsenic	0.4	0.2	< MRL	PASS
Cadmium	0.4	0.2	< MRL	PASS
Chromium	0.6	0.3	< MRL	PASS
Mercury	0.2	0.1	< MRL	PASS
Lead	1.0	0.5	< MRL	PASS

Methods: SOP-061-GA, SOP-072-GA

Instrument: ICP-MS

Residual Solvents

Analyte	Limit	MRL	Unit	Status
	ppm	ppm	ppm	
Propane	5000.0	2500.0	Not Tested	
n-Butane	5000.0	2500.0	Not Tested	
Ethanol	5000.0	2500.0	Not Tested	
Hexanes	290.0	145.0	Not Tested	
Benzene	2.0	1.0	Not Tested	
n-Heptane	5000.0	2500.0	Not Tested	
Toluene	890.0	445.0	Not Tested	
Total xylenes	2170.0	1085.0	Not Tested	

Methods: SOP-010-GA, SOP-067-GA

Instrument: GC-MS/MS

Vitamin E Acetate (%)

Analyte	Limit	MRL	Unit	Status
	%	%	%	
Vitamin E Acetate	0.7	0.001	Not Tested	

Methods: SOP-062-GA, SOP-070-GA

Instrument: LC-MS/MS

Microbial

Analyte	Limit	Unit	Status
	CFU/g	CFU/g	
Total Yeast and Mold Count *	100000	< MRL (200)	PASS
Total Aerobic Microbial Count *	100000	234	PASS
Total Coliforms	10	Not Tested	
E.coli	1	Absence	PASS
STEC	Absence	Not Tested	
Salmonella	Absence	Absence	PASS
L. monocytogenes	Absence	Not Tested	

Method: Plating: SOP-700-NJ & SOP-709-NJ

Method: qPCR: SOP-701-GA; SOP-702-GA; SOP-703-GA; SOP-704-GA

* Indicates method used was qPCR when matrix is flower, infused flower, or keif.

Water Activity

Analyte	Limit	Unit	Status
	Aw	Aw	
Water Activity	0.65	0.52	PASS

Methods: SOP-059-GA

Instrument: Water activity analyzer or meter

Moisture Content

Analyte	Limit	Unit	Status
	%	%	
Moisture Content	N/A	10.44	PASS

Methods: SOP-055-GA

Instrument: Moisture analyzer

Foreign Matter

Analyte	Date Tested
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Foreign Matter

This sample was evaluated for foreign matter.

Method: SOP-057-NJ

Instrument: Visual Inspection



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Mycotoxins

Analyte	Limit	MRL	Unit	Status
	ppb	ppb	ppb	
Aflatoxin B1	20.0	10.0	< MRL	PASS
Aflatoxin B2	20.0	10.0	< MRL	PASS
Aflatoxin G1	20.0	10.0	< MRL	PASS
Aflatoxin G2	20.0	10.0	< MRL	PASS
Ochratoxin	20.0	10.0	< MRL	PASS

Methods: SOP-062-GA; SOP-070-GA

Instrument: LC-MS/MS

Pesticides

Analyte	Limit	MRL	Unit	Status
	ppm	ppm	ppm	
Daminozide	1.00	0.50	< MRL	PASS
Ethephon	1.00	0.50	< MRL	PASS
Oxamyl	1.00	0.50	< MRL	PASS
Flonicamid	1.00	0.50	< MRL	PASS
Methomyl	0.40	0.20	< MRL	PASS
Thiamethoxam	0.20	0.10	< MRL	PASS
Imidacloprid	0.40	0.20	< MRL	PASS
Dimethoate	0.20	0.10	< MRL	PASS
Acetamiprid	0.20	0.10	< MRL	PASS
Thiacloprid	0.20	0.10	< MRL	PASS
Aldicarb	0.40	0.20	< MRL	PASS
Dichlorvos	0.10	0.05	< MRL	PASS
Carbofuran	0.20	0.10	< MRL	PASS
Ancymidol	0.20	0.10	< MRL	PASS
Carbaryl	0.20	0.10	< MRL	PASS
Clofentezine	0.20	0.10	< MRL	PASS
Imazalil	0.20	0.10	< MRL	PASS
Naled	0.50	0.25	< MRL	PASS
Metalaxyl	0.20	0.10	< MRL	PASS
Chlorantraniliprole	0.20	0.10	< MRL	PASS
Phosmet	0.20	0.10	< MRL	PASS
Malathion	0.20	0.10	< MRL	PASS
Boscalid	0.40	0.20	< MRL	PASS
Paclobutrazol	0.40	0.20	< MRL	PASS
Methiocarb	0.20	0.10	< MRL	PASS
Myclobutanil	0.20	0.10	< MRL	PASS
Azoxystrobin	0.20	0.10	< MRL	PASS
Flurprimidol	0.20	0.10	< MRL	PASS
Bifenazate	0.20	0.10	< MRL	PASS

Methods: SOP-062-GA; SOP-070-GA

Instrument: LC-MS/MS

Pesticides (Continued)

Analyte	Limit	MRL	Unit	Status
	ppm	ppm	ppm	
Spirotetramat	0.20	0.10	< MRL	PASS
Kresoxim-methyl	0.40	0.20	< MRL	PASS
Diazinon	0.20	0.10	< MRL	PASS
Propiconazole	0.40	0.20	< MRL	PASS
Spinosad	0.20	0.10	< MRL	PASS
Trifloxystrobin	0.20	0.10	< MRL	PASS
Pyrethrins	1.00	0.50	< MRL	PASS
Chlorpyrifos	0.20	0.10	< MRL	PASS
Spiromesifen	0.20	0.10	< MRL	PASS
Piperonyl Butoxide	1.00	0.50	< MRL	PASS
Etoazole	0.20	0.10	< MRL	PASS
Hexythiazox	1.00	0.50	< MRL	PASS
Fenpyroximate	0.50	0.25	< MRL	PASS
Cyfluthrin	1.00	0.50	< MRL	PASS
Permethrin	0.50	0.25	< MRL	PASS
Abamectin B1a	0.50	0.25	< MRL	PASS
Bifenthrin	0.20	0.10	< MRL	PASS
Fludioxonil	0.40	0.20	< MRL	PASS
Fipronil	0.40	0.20	< MRL	PASS

Methods: SOP-062-GA; SOP-070-GA

Instrument: LC-MS/MS



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