



Zero Four Twenty

13275 85th St, Fellsmere, FL 32848
319-651-8613

00023

Laboratory ID: KD17009-01	Sample Date: 04/14/26
Sample Matrix: Wet Flower	Received: 04/17/26 11:17
Batch Unit Size: 1 g	Completed: 04/22/26 17:15
Label Claim (mg): THC: -- CBD: -- CBN: --	Description: Blue Falcon Fuel

POTENCY SUMMARY (As Received)

<u>Total CBD</u> 1.54% (15.4 mg)	<u>Total THC</u> 0.0695% (0.695 mg)	<u>Total Cannabinoids</u> 1.77% (17.7 mg)
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Analyte	%	mg
CBDa	0.966	9.66
CBD	0.696	6.96
delta 9-THC	0.0478	0.478
CBC	0.0357	0.357
THCa	0.0248	0.248
CBDV	<LOQ	<LOQ
CBG	<LOQ	<LOQ
CBGa	<LOQ	<LOQ
CBN	<LOQ	<LOQ
delta 8-THC	<LOQ	<LOQ
THCV	<LOQ	<LOQ

TERPENES SUMMARY (Top Ten)

Terpenes
Not Tested

ANALYSIS SUMMARY

Potency (0.3%)	PASS	Homogeneity	Not Tested	Terpenes	Not Tested
Residual Solvents	Not Tested	% Moisture	Tested	Water Activity	Not Tested
Foreign Matter	Tested	Pesticides	Not Tested	Mycotoxins	Not Tested
Heavy Metals	Not Tested	Microbials	Tested	Label Claim (± 10%)	Not Applicable

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LOQ = Limit of Quantification ND = Non-Detect RPD = Relative Percent Difference MDL = Method Detection Limit PQL = Practical Quantitation Limit

ZerpFpirTwenty
Order No.:OFLZFT0626-0015046
13275 85thStreet
Florida, 32948
andrew@zerofourtenty.com
3196518613

Sample: SFLZFT0626-PHEM-0007314
Cultivar: Blue Falcon Fuel , UnitWeight:15.0000g , SampleSizefor Testing:15.0000g
Batch#: 00023
MMTC Information
Cultivation Facility: , Processing Facility:

BlueFalconFuel
Plant, Hemp



Results

2.34 %_{CBDa}	0.351 %
2.05 %_{Total CBD}	0 %
2.69 % Total Cannabinoids	Total THC

Tests Summary

Cannabinoids Tested	Moisture Pass	Microbials Pass
Water Activity Pass	Foreign Matter Pass	Homogeneity Not Tested
Terpenes Not Tested	Contaminant Load Not Tested	Residual Solvents Not Tested
Mycotoxins Pass	Heavy Metals Pass	Pesticides Pass
Kratom Not Tested	Label Claim Not Tested	



Certificate of Analysis

CMTL-0004
ACT Laboratories (FL)
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Plant, Hemp



Cannabinoids

SamplePrep
Tech: 3358, 4509
SOP: SOP 801
Batch Number: WCNDFL-FL0709-0006952
Batch Date: 07/08/2026 22:11

Sample Analysis
Date/Time: 07/09/2026 13:17
Tech: 4509
SOP: SOP 801
Instrument: HPLC - 3013
Final Weight: 0.514 g
Dilution Factor for Sample: 2,040

Tested

Analyte	LOD (mg/g)	LOQ (mg/g)	%	mg/g	mg/unit
CBDV	0.03972	1.98598	ND	ND	ND
CBDa	0.30187	1.98598	2.34	23.4	351
CBGa	0.14935	1.98598	0.351	3.52	52.7
CBG	0.32491	1.98598	ND	ND	ND
CBD	0.55210	1.98598	ND	ND	ND
THCV	0.12869	1.98598	ND	ND	ND
THCVa	0.10724	1.98598	ND	ND	ND
CBN	0.05839	1.98598	ND	ND	ND
D8-THC	0.33404	1.98598	ND	ND	ND
D9-THC	0.28757	1.98598	ND	ND	ND
CBC	0.21488	1.98598	ND	ND	ND
THCa	0.32808	1.98598	< LOQ	< LOQ	< LOQ
CBCa	0.54456	1.98598	< LOQ	< LOQ	< LOQ
Total CBD			2.05	20.5	308
Total THC			0.00	0.00	0.00
Total Cannabinoids			2.69	26.9	404



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3196518613

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Cultivar: Blue Falcon Fuel , UnitWeight:15.0000g , SampleSizefor Testing:15.0000g
Batch#: 00023
MMTC Information
Cultivation Facility: , Processing Facility:

BlueFalconFuel
Plant, Hemp



Moisture Sample Prep

Tech: 4513
SOP: SOP 411-FL
Batch Number: WMWAFL-FL0709-0007275
Batch Date: 07/09/2026 12:37

Sample Analysis

Date/Time: 07/09/2026 13:02
Tech: 4513
SOP: SOP 411-FL
Instrument: Rotronic Water Activity Meter - 3530 / MOC63u Balance - 2900
Final Weight: 2.046 g

Pass

Analyte	Limit (%)	%	Status
Moisture	15.0	9.50	Passed



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Plant, Hemp



Microbials

SamplePrep
Tech: 4302
SOP: SOP 406-FL
Batch Number: WINCFL-FL0630-0003690
Batch Date: 06/30/2026 17:24

Sample Analysis

Date/Time: 07/02/2026 10:34
Tech: 4509
SOP: SOP 406-FL
Instrument: AriaMx Real-Time PCR System - 2958 / Balance XSR104 2835 - 2835
Final Weight: 2.019 g
Dilution Factor for Sample: 10

Pass

Analyte	Limit (CFU/g)	Result	Status
Yeast & Mold	100,000	ND	Passed
Salmonella	0	Absence	Passed
Aspergillus Flavus	0	Absence	Passed
Aspergillus Fumigatus	0	Absence	Passed
Aspergillus Niger	0	Absence	Passed
Aspergillus Terreus	0	Absence	Passed
STEC E. Coli	0	Absence	Passed



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Batch#: 00023
MMTC Information
Cultivation Facility: , Processing Facility:

BlueFalconFuel
Plant, Hemp



Water Activity

SamplePrep
Tech: 4513
SOP: SOP 407-FL
Batch Number: WMWAFI-FL0709-0007275
Batch Date: 07/09/2026 12:37

Sample Analysis
Date/Time: 07/09/2026 13:02
Tech: 4509
SOP: SOP 407-FL
Instrument: Rotronic Water Activity Meter - 3530 / MOC63u Balance - 2900
Final Weight: 2.046 g

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	0.51	Passed



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Plant, Hemp



Foreign Matter Sample Prep/Analysis

Tech: 4509
SOP: SOP 409-FL
Batch Date: 06/30/2026 12:52

Pass

Analyte

FM

Result

Absent



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Plant, Hemp



Mycotoxins

SamplePrep
Tech: 3358
SOP: SOP 424-FL
Batch Number: WPMCFL-FL0709-0004691
Batch Date: 07/08/2026 22:23

Sample Analysis
Date/Time: 07/09/2026 12:23
Tech: 4521
SOP: SOP 424-FL
Instrument: LC-MS/MS - 2998
Final Weight: 0.106 g
Dilution Factor for Sample: 2.5

Pass

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	ppb	Status
B1	1.883	9.416	20.000	ND	Passed
B2	1.883	9.416	20.000	ND	Passed
G1	1.883	9.416	20.000	ND	Passed
G2	1.883	9.416	20.000	ND	Passed
Ochratoxin A	1.883	9.416	20.000	ND	Passed



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Batch#: 00023
MMTC Information
Cultivation Facility: , Processing Facility:

BlueFalconFuel
Plant, Hemp



Heavy Metals

SamplePrep
Tech: 4509
SOP: SOP 428-FL
Batch Number: WMTLFL-FL0701-0004865
Batch Date: 06/30/2026 20:36

Sample Analysis
Date/Time: 07/04/2026 07:16
Tech: 4509
SOP: SOP 428-FL
Instrument: ICP-MS - 2837
Final Weight: 0.234 g
Dilution Factor for Sample: 50

Pass

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	ppb	Status
Arsenic	20.100	100.000	200.000	ND	Passed
Cadmium	20.100	100.000	200.000	< LOQ	Passed
Mercury	20.100	100.000	200.000	ND	Passed
Lead	20.100	250.000	500.000	ND	Passed



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Plant, Hemp



Pesticides

SamplePrep
Tech: 3358
SOP: SOP 424-FL
Batch Number: WPTGFL-FL0709-0003328
Batch Date: 07/08/2026 21:48

Sample Analysis
Date/Time: 07/09/2026 12:19
Tech: 4521
SOP: SOP 424-FL
Instrument: GC-MS/MS - 3005 / LC-MS/MS - 2998
Final Weight: 0.637 g
Dilution Factor for Sample: 2.5 (LCMS), 10 (GCMS)

Pass

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	ppm	Status
Abamectin	0.008	0.021	0.100	ND	Passed
Acephate	0.009	0.024	0.100	ND	Passed
Acequinocyl	0.009	0.024	0.100	ND	Passed
Acetamiprid	0.002	0.009	0.100	ND	Passed
Aldicarb	0.005	0.019	0.100	ND	Passed
Azoxystrobin	0.002	0.009	0.100	ND	Passed
Bifenazate	0.002	0.009	0.100	ND	Passed
Bifenthrin	0.009	0.024	0.100	ND	Passed
Boscalid	0.012	0.047	0.100	ND	Passed
Carbaryl	0.005	0.009	0.500	ND	Passed
Carbofuran	0.002	0.009	0.100	ND	Passed
Chlorantraniliprole	0.002	0.009	1.000	ND	Passed
Chlorpyrifos	0.009	0.024	0.100	ND	Passed
Clofentezine	0.009	0.024	0.200	ND	Passed
Coumaphos	0.010	0.050	0.100	ND	Passed
Cyfluthrin	0.010	0.100	0.500	ND	Passed
Cypermethrin	0.010	0.100	0.500	ND	Passed
Daminozide	0.009	0.024	0.100	ND	Passed
Diazinon	0.002	0.009	0.100	ND	Passed
Dichlorvos	0.009	0.024	0.100	ND	Passed
Dimethoate	0.002	0.009	0.100	ND	Passed
Dimethomorph	0.003	0.010	0.200	ND	Passed
Ethoprophos	0.002	0.009	0.100	ND	Passed
Etofenprox	0.002	0.009	0.100	ND	Passed
Etoxazole	0.002	0.009	0.100	ND	Passed
Fenhexamid	0.009	0.047	0.100	ND	Passed
Fenoxycarb	0.002	0.009	0.100	ND	Passed
Fenpyroximate	0.002	0.019	0.100	ND	Passed
Fipronil	0.002	0.009	0.100	ND	Passed
Flonicamid	0.005	0.019	0.100	ND	Passed
Fludioxonil	0.005	0.009	0.100	ND	Passed



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Plant, Hemp



Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	ppm	Status
Hexythiazox	0.005	0.019	0.100	ND	Passed
Imazalil	0.009	0.024	0.100	ND	Passed
Imidacloprid	0.024	0.118	0.400	ND	Passed
Kresoxim Methyl	0.005	0.009	0.100	ND	Passed
Malathion	0.019	0.047	0.200	ND	Passed
Mevinphos	0.008	0.021	0.100	ND	Passed
Metalaxyl	0.002	0.009	0.100	ND	Passed
Methiocarb	0.002	0.009	0.100	ND	Passed
Methomyl	0.002	0.009	0.100	ND	Passed
Myclobutanil	0.005	0.024	0.100	ND	Passed
Naled	0.019	0.024	0.250	ND	Passed
Oxamyl	0.002	0.009	0.500	ND	Passed
Paclobutrazol	0.002	0.009	0.100	ND	Passed
Permethrin	0.009	0.024	0.100	ND	Passed
Phosmet	0.005	0.024	0.100	ND	Passed
Piperonyl Butoxide	0.002	0.009	3.000	ND	Passed
Prallethrin	0.009	0.024	0.100	ND	Passed
Propiconazole	0.009	0.024	0.100	ND	Passed
Propoxur	0.002	0.009	0.100	ND	Passed
Pyrethrins	0.031	0.063	0.500	ND	Passed
Pyridaben	0.002	0.009	0.200	ND	Passed
Spinetoram	0.007	0.017	0.200	ND	Passed
Spinosyn AD	0.009	0.040	0.100	ND	Passed
Spiromesifen	0.002	0.009	0.100	ND	Passed
Spirotetramat	0.005	0.024	0.100	ND	Passed
Spiroxamine	0.002	0.009	0.100	ND	Passed
Tebuconazole	0.009	0.024	0.100	ND	Passed
Thiacloprid	0.002	0.009	0.100	ND	Passed
Thiamethoxam	0.002	0.009	0.500	ND	Passed
Trifloxystrobin	0.002	0.009	0.100	ND	Passed
Captan	0.010	0.100	0.700	ND	Passed
Methyl Parathion	0.010	0.020	0.100	ND	Passed
Chlordane	0.010	0.020	0.100	ND	Passed
Chlorfenapyr	0.010	0.020	0.100	ND	Passed
Chlormequat Chloride	0.002	0.009	1.000	ND	Passed
Pentachloronitrobenzene	0.010	0.050	0.150	ND	Passed



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