



### Finished Product Testing Report

**Lot No.:** 200412W18

**Product Name:** WSM Sport Tincture - 1800mg - Dragon Fruit

**Manufacture Date:** 04-12-2020

**Expiration Date:** 04-12-2022

**Units Manufactured:** 250

**Lot Size:** 250

**Biomass COA ID:** DSL061300-02

**Distillate/Isolate COA ID:** DSL09061900-03

**Finished Product COA ID:** 200412W18

**Finished Product Ingredients:**

Full Spectrum Hemp Extract Oil

MCT Oil 60/40

Natural Dragon Fruit Flavor - MCT Oil Soluble

**Quality Assurance Status:** Pass

**Approved By:** B. Estes

**Date Approved:** 08-04-2020



# Certificate of Analysis

Sample:MO00731009-001  
Harvest/Lot ID: 200412W18  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: 200412W18  
Sample Size Received: 60 ml  
Retail Product Size: 60 ml  
Ordered : 07/29/20  
Sampled : 07/29/20  
Completed: 08/03/20 Expires: 08/03/21  
Sampling Method: SOP Client Method

Aug 03, 2020 | Kentucky Naturals

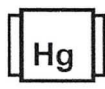
8054 Production Dr.  
Florence, KY, 41042, USA

Page 1 of 4

PRODUCT IMAGE SAFETY RESULTS



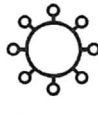
Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**TESTED**



Filtration  
**PASSED**



Water Activity



Moisture



Terpenes  
**NOT TESTED**

MISC.

CANNABINOID RESULTS



Total THC  
**0.114%**  
THC/Container :63.612 mg



Total CBD  
**3.635%**  
CBD/Container :2028.330 mg



Total Cannabinoids  
**3.970%**  
Total Cannabinoids/Container :2215.818 mg



Filtration

**PASSED**

Analyzed By 9 Weight NA Extraction date NA LOD(ppm) NA Extracted By NA

Analysis Method -SOP.T.40.013 Batch Date :  
Analytical Batch -NA Reviewed On - 07/31/20 13:39:44  
Instrument Used :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is used for inspection.

D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
0.114%	ND	3.635%	ND	ND	ND	0.024%	0.015%	0.130%	0.053%	ND
1.140 mg/g	ND	36.350 mg/g	ND	ND	ND	0.240 mg/g	0.150 mg/g	1.300 mg/g	0.530 mg/g	ND
LOD 0.0001 %	0.001 %	0.0001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %

Cannabinoid Profile Test

Analyzed by 19 Weight 1g Extraction date : NA Extracted By : NA

Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 08/03/20 09:36:50  
Analytical Batch -MO000872POT Instrument Used : HPLC Potency Analyzer Batch Date : 07/31/20 12:55:38

Reagent	Dilution	Consums. ID
	40	

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV), (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L). Measurement of Uncertainty: 2.7%

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David Greene  
Lab Director

State License # 19-05-02P  
ISO Accreditation #  
17025:2017 #97164



Signature

08/03/2020

Signed On



# Certificate of Analysis

Kentucky Naturals

8054 Production Dr.  
Florence, KY, 41042, USA  
Telephone: (859) 918-1890  
Email: Amiles@kentuckynaturals.com

Sample : M000731009-001  
Harvest/LOT ID: 200412W18

Batch# : 200412W18  
Sampled : 07/29/20  
Ordered : 07/29/20

Sample Size Received : 60 ml  
Completed : 08/03/20 Expires: 08/03/21  
Sample Method : SOP Client Method

Page 2 of 4



## Pesticides

**PASSED**

Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.020	ppm	0.5	ND
ACEPHATE	0.010	ppm	0.5	ND
ACEQUINOCYL	0.02	ppm	2	ND
ACETAMIPRID	0.010	ppm	0.2	ND
ALDICARB	0.020	ppm	0.4	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND
BIFENAZATE	0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND
CARBARYL	0.010	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND
CHLORANTRANILIPROLE	0.010	ppm	0.2	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND
COUMAPHOS	0.005	ppm	0.2	ND
CYPERMETHRIN	0.010	ppm	1	ND
DAMINOZIDE	0.010	ppm	1	ND
DIAZANON	0.010	ppm	0.2	ND
DICHLORVOS	0.050	ppm	0.1	ND
DIMETHOATE	0.010	ppm	0.2	ND
DIMETHOMORPH	0.005	ppm	0.1	ND
ETHOPROPHOS	0.010	ppm	0.2	ND
ETOFENPROX	0.010	ppm	0.4	ND
ETOXAZOLE	0.010	ppm	0.2	ND
FENHEXAMID	0.005	ppm	0.1	ND
FENOXYCARB	0.010	ppm	0.2	ND
FENPYROXIMATE	0.010	ppm	0.4	ND
FIPRONIL	0.020	ppm	0.4	ND
FLONICAMID	0.010	ppm	1	ND
FLUDIOXONIL	0.010	ppm	0.4	ND
HEXYTHIAZOX	0.010	ppm	1	ND
IMAZALIL	0.010	ppm	0.2	ND
IMIDACLOPRID	0.010	ppm	0.4	ND
KRESOXIM-METHYL	0.010	ppm	0.4	ND
MALATHION	0.010	ppm	0.2	ND
METALAXYL	0.010	ppm	0.2	ND
METHIOCARB	0.010	ppm	0.2	ND
METHOMYL	0.010	ppm	0.6	ND
MEVINPHOS	0.010	ppm	0.1	ND
MYCLOBUTANIL	0.010	ppm	0.2	ND
NALED	0.010	ppm	0.5	ND
OXAMYL	0.010	ppm	1	ND
PACLOBUTRAZOL	0.010	ppm	0.4	ND
PERMETHRINS	0.050	ppm	1	ND
PHOSMET	0.010	ppm	0.2	ND
PIPERONYL BUTOXIDE	0.010	ppm	3	ND

Pesticides	LOD	Units	Action Level	Result
PRALLETHRIN	0.050	ppm	0.2	ND
PROPICONAZOLE	0.010	ppm	0.4	ND
PROPOXUR	0.010	ppm	0.2	ND
PYRETHRIN I	0.010	ppm	1	ND
PYRIDABEN	0.005	ppm	0.2	ND
SPINETORAM	0.005	ppm	0.5	ND
SPINOSAD (SPINOSYN A)	0.010	ppm	0.2	ND
SPINOSAD (SPINOSYN D)	0.010	ppm	0.2	ND
SPIROMESIFEN	0.010	ppm	0.2	ND
SPIROTETRAMAT	0.020	ppm	0.2	ND
SPIROXAMINE	0.010	ppm	0.4	ND
TEBUCONAZOLE	0.010	ppm	0.4	ND
THIAMLOPRID	0.010	ppm	0.2	ND
THIAMETHOXAM	0.010	ppm	0.5	ND
TRIFLOXYSTROBIN	0.010	ppm	0.2	ND



## Pesticides

**PASSED**

Analyzed by 9 Weight 0.9997g Extraction date 07/31/20 01:07:08 Extracted By 9  
 Analysis Method - SOP.T.30.060, SOP.T.40.060 ,  
 Analytical Batch - M0000869PES Reviewed On- 07/31/20 13:39:44  
 Instrument Used : LCMSMS 8060 M  
 Batch Date : 07/31/20 10:39:42

Reagent Dilution Consums. ID

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 57 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T40.060 Procedure for Pesticide Quantification Using LCMS).

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David Greene  
Lab Director

State License # 19-05-02P  
ISO Accreditation #  
17025:2017 #97164



Signature

08/03/2020

Signed On



673 N. Bardstown Rd  
Mount Washington, KY, 40047, US

Kaycha Labs

1800 Dragon Fruit  
N/A  
Matrix : Derivative



# Certificate of Analysis

Kentucky Naturals

8054 Production Dr.  
Florence, KY, 41042, USA  
Telephone: (859) 918-1890  
Email: Amiles@kentuckynaturals.com

Sample : M000731009-001  
Harvest/LOT ID: 200412W18

Batch# : 200412W18 Sample Size Received : 60 ml  
Sampled : 07/29/20 Completed : 08/03/20 Expires: 08/03/21  
Ordered : 07/29/20 Sample Method : SOP Client Method

Page 3 of 4



## Residual Solvents

TESTED



## Residual Solvents

TESTED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
TRICHLOROETHENE	3	ppm	80	PASS	ND
CHLOROFORM	0.24	ppm	60	PASS	ND
1,2-DICHLOROETHENE	0.24	ppm	1870	PASS	ND
1,1-DICHLOROETHENE	2	ppm	8	PASS	ND
PENTANES	90	ppm	2500	PASS	ND
BUTANES (N-BUTANE)	50	ppm	5000	PASS	ND
ACETONITRILE	7.2	ppm	410	PASS	ND
ACETONE	90	ppm	5000	PASS	ND
2-PROPANOL	60	ppm	5000	PASS	ND
HEXANES	6	ppm	290	PASS	ND
XYLENES	18	ppm	2170	PASS	ND
TOLUENE	18	ppm	1068	PASS	ND
PROPANE	80	ppm	5000	PASS	ND
METHANOL	30	ppm	3000	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
HEPTANE	60	ppm	5000	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYLENE OXIDE	0.6	ppm	50	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	18	ppm	2170	PASS	ND
ETHYL ETHER	60	ppm	5000	PASS	ND
ETHYL ACETATE	48	ppm	5000	PASS	536.000
DICHLOROMETHANE	15	ppm	600	PASS	ND
ETHANOL	120	ppm	5000	FAIL	>5400

Analyzed by 18 Weight 0.027g Extraction date 08/03/20 08:08:15 Extracted By 18  
 Analysis Method -SOP.T.40.032  
 Analytical Batch -M0000877SOL Reviewed On - 08/03/20 10:47:37  
 Instrument Used : GCMS2010  
 Batch Date : 08/03/20 08:50:18

Reagent Dilution Consums. ID

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 33 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

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Kaycha Labs

1800 Dragon Fruit  
N/A  
Matrix : Derivative



# Certificate of Analysis

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Email: Amiles@kentuckynaturals.com

Sample : MO00731009-001  
Harvest/LOT ID: 200412W18

Batch# : 200412W18 Sample Size Received : 60 ml  
Sampled : 07/29/20 Completed : 08/03/20 Expires: 08/03/21  
Ordered : 07/29/20 Sample Method : SOP Client Method

Page 4 of 4



## Microbials

**PASSED**



## Mycotoxins

**PASSED**

### Analyte

ASPERGILLUS\_TERREUS\_1J2  
ASPERGILLUS\_NIGER  
ASPERGILLUS\_FUMIGATUS  
ASPERGILLUS\_FLAVUS  
SALMONELLA\_SPECIFIC\_GENE  
ESCHERICHIA\_COLI\_SHIGELLA\_SPP

Analysis Method -SOP.T.40.043  
Analytical Batch -NA Batch Date :  
Instrument Used :

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.

### Result Analyte

Result	Analyte	LOD	Units	Result	Action Level (PPM)
not present in 1 gram.	AFLATOXIN G2	0.001	ppm	ND	0.02
not present in 1 gram.	AFLATOXIN G1	0.001	ppm	ND	0.02
not present in 1 gram.	AFLATOXIN B2	0.001	ppm	ND	0.02
not present in 1 gram.	AFLATOXIN B1	0.001	ppm	ND	0.02
not present in 1 gram.	OCHRATOXIN A+	0.001	ppm	ND	0.02

Analysis Method -SOP.T.30.060, SOP.T.40.060  
Analytical Batch -MO000879MYC | Reviewed On - 08/03/20 09:44:04  
Instrument Used : LCM5MS 8060 M  
Batch Date : 08/03/20 09:37:52

Analyzed by	Weight	Extraction date	Extracted By
9	1g	NA	NA

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.060 for Sample Preparation and SOP.T.40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.



## Heavy Metals

**PASSED**

### Reagent

110119.52  
110119.44  
112519.01  
110119.36

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	ppm	ND	10
CADMIUM	0.02	ppm	ND	4.1
LEAD	0.02	ppm	ND	10
MERCURY	0.02	ppm	ND	2

Analyzed by	Weight	Extraction date	Extracted By
18	0.502g	08/03/20 08:08:23	18

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -MO000878HEA | Reviewed On - 08/03/20 10:42:08  
Instrument Used : ICP-MS 2030  
Batch Date : 08/03/20 08:57:04

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS. \*Action Limits based on Colorado Regulations.

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