



## Finished Product Testing Report

**Lot No.:** 200413W87

**Product Name:** WSM Sport Tincture - 3000mg - Mint

**Manufacture Date:** 04-13-2020

**Expiration Date:** 04-13-2022

**Units Manufactured:** 250

**Lot Size:** 250

**Biomass COA ID:** DSL061300-02

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

**Finished Product COA ID:** 200413W87

### Finished Product Ingredients:

Full Spectrum Hemp Extract Oil

MCT Oil 60/40

Natural Mint Flavor WONF - MCT Oil Soluble

**Quality Assurance Status:** Pass

**Approved By:** B. Estes

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



# Certificate of Analysis

Sample: MO00630003-004

Harvest/Lot ID: 200413W87

Seed to Sale #N/A

Batch Date :N/A

Batch#: 04/13/20

Sample Size Received: 10 ml

Retail Product Size: 60

Ordered : 06/30/20

Sampled : 06/30/20

Completed: 08/07/20 Expires: 08/07/21

Sampling Method: SOP Client Method

**PASSED**

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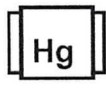
Aug 07, 2020 | Kentucky Naturals

8054 Production Dr.  
Florence, KY, 41042, USA

PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**PASSED**



Terpenes  
**NOT TESTED**

MISC.

CANNABINOID RESULTS



**Total THC**  
**0.173%**  
THC/Container :99.222 mg



**Total CBD**  
**4.947%**  
CBD/Container :2837.391 mg



**Total Cannabinoids**  
**5.454%**  
Total Cannabinoids/Container :3128.087 mg



Filtration

**PASSED**

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

Analysis Method	Batch Date
-SOP.T.40.013	
Analytical Batch	Reviewed On
-NA	07/02/20 14:10:39

Instrument Used :  
This includes but is not limited to hair, insects, ferns, packaging contaminants, and manufacturing waste and by-products. An SH-ZBT Stereo Microscope is used for inspection.

D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
0.173%	ND	4.934%	0.015%	ND	ND	0.023%	0.021%	0.227%	0.061%	ND
1.730 mg/g	ND	49.340 mg/g	0.150 mg/g	ND	ND	0.230 mg/g	0.210 mg/g	2.270 mg/g	0.610 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	Weight	Extraction date :	Extracted by :
19	3.0336g	06/30/20 04:06:02	19

Analysis Method	Reviewed On	
-SOP.T.40.020, SOP.T.30.050	08/07/20 11:25:08	
Analytical Batch	Instrument Used :	Batch Date :
-MO000717POT	HPLC Potency Analyzer	06/30/20 16:16:31

Reagent	Dilution	Consums. ID
061720.01	40	
062520.R02		
062520.R01		

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. LOD 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

08/07/2020

Signed On



# Certificate of Analysis

**PASSED**

Kentucky Naturals

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

Sample : MO00630003-004  
Harvest/LOT ID: 200413W87

Batch# : 04/13/20  
Sampled : 06/30/20  
Ordered : 06/30/20

Sample Size Received : 10 ml  
Completed : 08/07/20 Expires: 08/07/21  
Sample Method : SOP Client Method

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## 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
THIACLOPRID	0.010	ppm	0.2	ND
THIAMETHOXAM	0.010	ppm	0.5	ND
TRIFLOXYSTROBIN	0.010	ppm	0.2	ND



## Pesticides

**PASSED**

Analyzed by 1 Weight 0.9970g Extraction date NA Extracted By NA

Analysis Method - SOP.T.30.060, SOP.T.40.060 ,  
Analytical Batch - MO000726PES Reviewed On- 07/02/20 14:10:39  
Instrument Used : LCMSMS 8060 P  
Batch Date : 07/02/20 16:11:36

Reagent	Dilution	Consums. ID
101018.02		Amber Glass (Cat. No. 35100-104)-GLC-06787
101018.03		Amber Glass Autosampler Vial (46610-726 1.8 mL)-24153381
101018.04		Blue PP. Screw (9-426 Cap)-06289227
101018.02		

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

08/07/2020

Signed On



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

Kaycha Labs

WSM 3000 Mint  
N/A  
Matrix : Derivative



# Certificate of Analysis

**PASSED**

Kentucky Naturals

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

Sample : MO00630003-004  
Harvest/LOT ID: 200413W87

Batch# : 04/13/20  
Sampled : 06/30/20  
Ordered : 06/30/20

Sample Size Received : 10 ml  
Completed : 08/07/20 Expires: 08/07/21  
Sample Method : SOP Client Method

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## Residual Solvents

**PASSED**



## Residual Solvents

**PASSED**

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	ND
DICHLOROMETHANE	15	ppm	600	PASS	ND
ETHANOL	120	ppm	5000	PASS	ND

Analyzed by 18 Weight 0.033g Extraction date 07/06/20 11:07:35 Extracted By 18

Analysis Method -SOP.T.40.032  
Analytical Batch -MO000729SOL Reviewed On - 07/06/20 12:52:32  
Instrument Used : GCMS2010  
Batch Date : 07/06/20 11:33:52

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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David Greene  
Lab Director

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17025:2017 #97164

Signature

08/07/2020

Signed On



# Certificate of Analysis

**PASSED**

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

Sample : MO00630003-004  
Harvest/LOT ID: 200413W87

Batch# : 04/13/20  
Sampled : 06/30/20  
Ordered : 06/30/20

Sample Size Received : 10 ml  
Completed : 08/07/20 Expires: 08/07/21  
Sample Method : SOP Client Method

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## 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 :

### Result Analyte

not present in 1 gram. AFLATOXIN G2  
not present in 1 gram. AFLATOXIN G1  
not present in 1 gram. AFLATOXIN B2  
not present in 1 gram. AFLATOXIN B1  
not present in 1 gram. OCHRATOXIN A+

LOD	Units	Result	Action Level (PPM)
0.001	ppm	ND	0.02
0.001	ppm	ND	0.02
0.001	ppm	ND	0.02
0.001	ppm	ND	0.02
0.001	ppm	ND	0.02

Analysis Method -SOP.T.30.060, SOP.T.40.060  
Analytical Batch -MO000727MYC | Reviewed On - 07/03/20 11:01:09  
Instrument Used :  
Batch Date : 07/02/20 16:18:52

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

Analyzed by	Weight	Extraction date	Extracted By
1	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.

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	0.517g	07/06/20 11:07:08	18

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -MO000735HEA | Reviewed On - 07/06/20 13:48:26  
Instrument Used : ICP-MS 2030  
Batch Date : 07/06/20 11:42:32

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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