



## Finished Product Testing Report

**Lot No.:** 200627W87M30

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

**Manufacture Date:** 06-27-2020

**Expiration Date:** 06-27-2022

**Units Manufactured:** 250

**Lot Size:** 250

**Biomass COA ID:** DSL061300-02

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

**Finished Product COA ID:** 200627W87M30

### 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: M000730012-001  
Harvest/Lot ID: 200627W87M30  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: 200627W87M30  
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



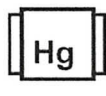







**PASSED**

Page 1 of 4

Aug 03, 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**

CANNABINOID RESULTS



**Total THC**  
**0.184%**  
THC/Container :102.672 mg



**Total CBD**  
**5.892%**  
CBD/Container :3287.736 mg



**Total Cannabinoids**  
**6.427%**  
Total Cannabinoids/Container :3586.266 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 13:39:08  
Instrument Used :

D9-THC	THCA	CBD	CBDA	D8-THC	THCV	CBN	CBDV	CBC	CBG	CBGA
0.184%	ND	5.892%	ND	ND	ND	0.036%	0.023%	0.208%	0.084%	ND
1,840 mg/g	ND	58,920 mg/g	ND	ND	ND	0.360 mg/g	0.230 mg/g	2,080 mg/g	0.840 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: 3.0299g Extraction date : 07/31/20 01:07:38 Extracted By : 19  
Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 08/03/20 09:36:45  
Analytical Batch -M0000872POT 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%

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter. NC=Non-controlled QC parameter. ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4-310.

David Greene  
Lab Director  
State License # 19-05-02P  
ISO Accreditation # 17025:2017 #97164



Signature

08/03/2020  
Signed On



# Certificate of Analysis

**PASSED**
**Kentucky Naturals**

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

**Sample :** MO00730012-001  
**Harvest/LOT ID:** 200627W87M30

**Batch# :**  
 200627W87M30  
**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	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.020	ppm	0.5	ND	PRALLETHRIN	0.050	ppm	0.2	ND
ACEPHATE	0.010	ppm	0.5	ND	PROPICONAZOLE	0.010	ppm	0.4	ND
ACEQUINOCYL	0.02	ppm	2	ND	PROPOXUR	0.010	ppm	0.2	ND
ACETAMIPRID	0.010	ppm	0.2	ND	PYRETHRIN I	0.010	ppm	1	ND
ALDICARB	0.020	ppm	0.4	ND	PYRIDABEN	0.005	ppm	0.2	ND
AZOXYSTROBIN	0.010	ppm	0.2	ND	SPINETORAM	0.005	ppm	0.5	ND
BIFENAZATE	0.010	ppm	0.2	ND	SPINOSAD (SPINOSYN A)	0.010	ppm	0.2	ND
BIFENTHRIN	0.010	ppm	0.2	ND	SPINOSAD (SPINOSYN D)	0.010	ppm	0.2	ND
BOSCALID	0.005	ppm	0.4	ND	SPIROMESIFEN	0.010	ppm	0.2	ND
CARBARYL	0.010	ppm	0.2	ND	SPIROTETRAMAT	0.020	ppm	0.2	ND
CARBOFURAN	0.010	ppm	0.2	ND	SPIROXAMINE	0.010	ppm	0.4	ND
CHLORANTRANILIPROLE	0.010	ppm	0.2	ND	TEBUCONAZOLE	0.010	ppm	0.4	ND
CHLORPYRIFOS	0.010	ppm	0.2	ND	THIACLOPRID	0.010	ppm	0.2	ND
CLOFENTEZINE	0.010	ppm	0.2	ND	THIAMETHOXAM	0.010	ppm	0.5	ND
COUMAPHOS	0.005	ppm	0.2	ND	TRIFLOXYSTROBIN	0.010	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

**PASSED**

Analyzed by	Weight	Extraction date	Extracted By
g	.9990g	07/31/20 01:07:50	g

**Analysis Method -** SOP.T.30.060, SOP.T.40.060 ,  
**Analytical Batch -** MO000869PE5  
**Instrument Used :** LCM5MS 8060 M  
**Batch Date :** 07/31/20 10:39:42  
**Reviewed On-** 07/31/20 13:39:08

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 LCM5MS and SOP.T40.060 Procedure for Pesticide Quantification Using LCM5). \*

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**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

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 : M000730012-001  
Harvest/LOT ID: 200627W87M30

Batch# :  
200627W87M30  
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 3 of 4



## 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 0.031g Extraction date 07/31/20 10:07:58 Extracted By 18  
 Analysis Method -SOP.T.40.032  
 Analytical Batch -M000087150L Reviewed On - 07/31/20 10:54:06  
 Instrument Used : GCMS2010  
 Batch Date : 07/31/20 10:43:04

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).

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter. NC=Non-controlled QC parameter. ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion, Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on: F.S. Rule 64-4.310.

David Greene  
Lab Director

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

Signature

08/03/2020

Signed On



# Certificate of Analysis

**PASSED**
**Kentucky Naturals**

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

**Sample :** MO00730012-001  
**Harvest/LOT ID:** 200627W87M30

**Batch# :** 200627W87M30  
**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 4 of 4**

**Microbials**
**PASSED**

**Mycotoxins**
**PASSED**
**Analyte**

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

**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.40.043  
**Analytical Batch** -NA **Batch Date :**  
**Instrument Used :**
**Analysis Method** -SOP.T.30.060, SOP.T.40.060  
**Analytical Batch** -MO000879MYC | **Reviewed On** - 08/03/20 09:43:02  
**Instrument Used :** LCMSMS 8060 M  
**Batch Date :** 08/03/20 09:37:52

Analyzed by	Weight	Extraction date	Extracted By
NA	NA	NA	NA

Analyzed by	Weight	Extraction date	Extracted By
9	1g	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	0.508g	07/31/20 09:07:26	18

**Analysis Method** -SOP.T.40.050, SOP.T.30.052  
**Analytical Batch** -MO000868HEA | **Reviewed On** - 07/31/20 12:25:39  
**Instrument Used :** ICP-MS 2030  
**Batch Date :** 07/31/20 09:23:30

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.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion, Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request. The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**David Greene**  
Lab Director

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

Signature

08/03/2020

Signed On