



Finished Product Testing Report

Lot No.: 200611W32D30

Product Name: WSM Sport Tincture - 3000mg - Dragon Fruit

Manufacture Date: 06-11-2020

Expiration Date: 06-11-2022

Units Manufactured: 250

Lot Size: 250

Biomass COA ID: DSL061300-02

Distillate/Isolate COA ID: DSL09061900-03

Finished Product COA ID: 200611W32D30

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: 07-30-2020



Certificate of Analysis

Sample: MO00630003-007
Harvest/Lot ID: 200611W32D30
Seed to Sale #N/A
Batch Date :N/A
Batch#: 06/11/20
Sample Size Received: 10 ml
Retail Product Size: 60
Ordered : 06/30/20
Sampled : 06/30/20
Completed: 07/06/20 Expires: 07/06/21
Sampling Method: SOP Client Method

PASSED

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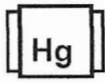
Jul 06, 2020 | Kentucky Naturals

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



Moisture



Terpenes
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC
0.172%
THC/Container :98.649 mg



Total CBD
4.847%
CBD/Container :2780.178 mg



Total Cannabinoids
5.336%
Total Cannabinoids/Container :3060.409 mg



Filtration

PASSED

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

Analysis Method -SOP.T.40.013 Batch Date :
Analytical Batch -NA Reviewed On - 07/02/20 14:10:45
Instrument Used :

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and byproducts. An 50x20T Stereo Microscope is use for inspection.

| D9-THC | THCA | CBD | CBDA | D8-THC | THCV | CBN | CBDV | CBC | CBG | CBGA |
|--------------|---------|-------------|------------|---------|---------|------------|------------|------------|------------|---------|
| 0.172% | ND | 4.836% | 0.013% | ND | ND | 0.025% | 0.021% | 0.209% | 0.060% | ND |
| 1.720 mg/g | ND | 48.360 mg/g | 0.130 mg/g | ND | ND | 0.250 mg/g | 0.210 mg/g | 2.090 mg/g | 0.600 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 3.0181g Extraction date : 06/30/20 04:06:05 Extracted By : 19

Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 07/02/20 10:46:01
Analytical Batch -MO000717POT Instrument Used : HPLC Potency Analyzer Batch Date : 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, 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



Signature

07/06/2020

Signed On



Certificate of Analysis

PASSED

Kentucky Naturals

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

Sample : M000630003-007

Harvest/LOT ID: 200611W32D30

Batch# : 06/11/20

Sampled : 06/30/20

Ordered : 06/30/20

Sample Size Received : 10 ml

Completed : 07/06/20 Expires: 07/06/21

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 1.0371g Extraction date NA Extracted By NA
 Analysis Method - SOP.T.30.060, SOP.T.40.060 ,
 Analytical Batch - M0000726PES Reviewed On- 07/02/20 14:10:45
 Instrument Used : LCMSMS 8060 P
 Batch Date : 07/02/20 16:11:36

| Reagent | Dilution | Consums. ID |
|-----------|----------|--|
| 101019.02 | | Amber Glass (Cat. No. 35100-104)-GLC-06787 |
| 101019.07 | | Amber Glass Autosampler Vial (46610-726 1.8 mL)-24153361 |
| 101019.04 | | Blue PP Screw (9-426 Capi-00289227) |
| 101019.03 | | |

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



Signature

07/06/2020

Signed On



Certificate of Analysis

PASSED

Kentucky Naturals

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

Sample : M000630003-007

Harvest/LOT ID: 200611W32D30

Batch# : 06/11/20

Sampled : 06/30/20

Ordered : 06/30/20

Sample Size Received : 10 ml

Completed : 07/06/20 Expires: 07/06/21

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 | Weight | Extraction date | Extracted By |
|---------------------------------------|--------|--|--------------|
| 18 | 0.036g | 07/06/20 11:07:39 | 18 |
| Analysis Method -SOP.T.40.032 | | | |
| Analytical Batch -MO000729SOL | | Reviewed On - 07/06/20 12:53:23 | |
| 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
State License # 19-05-02P
ISO Accreditation #
17025:2017


Signature

07/06/2020
Signed On



Certificate of Analysis

PASSED

Kentucky Naturals

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

Sample : M000630003-007
Harvest/LOT ID: 200611W32D30

Batch# : 06/11/20 Sample Size Received : 10 ml
Sampled : 06/30/20 Completed : 07/06/20 Expires: 07/06/21
Ordered : 06/30/20 Sample Method : SOP Client Method

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Mycotoxins

PASSED



Heavy Metals

PASSED

| Analyte | LOD | Units | Result | Action Level (PPM) | Reagent |
|---------------|-------|-------|--------|--------------------|-----------|
| AFLATOXIN G2 | 0.001 | ppm | ND | 0.02 | 110119.52 |
| AFLATOXIN G1 | 0.001 | ppm | ND | 0.02 | 110119.44 |
| AFLATOXIN B2 | 0.001 | ppm | ND | 0.02 | 112519.01 |
| AFLATOXIN B1 | 0.001 | ppm | ND | 0.02 | 110119.36 |
| OCHRATOXIN A+ | 0.001 | ppm | ND | 0.02 | |

Analysis Method -SOP.T.30.060, SOP.T.40.060
Analytical Batch -M0000727MYC | Reviewed On - 07/03/20 11:02:07
Instrument Used :
Batch Date : 07/02/20 16:18:52

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|--------|-----------------|--------------|
| 1 | NA | 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. LOD 1.0 ppb). Total Aflatoxins (Aflatoxin B1, B2, G1, G2) must be <20µg/Kg. Ochratoxins must be <20µg/Kg.

| 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 | 0.550g | 07/06/20 11:07:11 | 18 |

Analysis Method -SOP.T.40.050, SOP.T.30.052
Analytical Batch -M0000735HEA | Reviewed On - 07/06/20 13:50:26
Instrument Used : ICP-MS 2030
Batch Date : 07/06/20 11:42:32



Microbials

PASSED

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.

| Analyte | Result |
|-------------------------------|------------------------|
| ASPERGILLUS_TERREUS_1J2 | not present in 1 gram. |
| ASPERGILLUS_NIGER | not present in 1 gram. |
| ASPERGILLUS_FUMIGATUS | not present in 1 gram. |
| ASPERGILLUS_FLAVUS | not present in 1 gram. |
| SALMONELLA_SPECIFIC_GENE | not present in 1 gram. |
| ESCHERICHIA_COLI_SHIGELLA_SPP | not present in 1 gram. |

Analysis Method -SOP.T.40.043
Analytical Batch -NA | Reviewed On - 07/06/20 15:15:32
Instrument Used :
Batch Date :

| Analyzed by | Weight | Extraction date | Extracted By |
|-------------|--------|-----------------|--------------|
| NA | NA | NA | NA |

| Reagent | Dilution | Consums. ID |
|---------|----------|-------------|
| | | |

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.

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