KöreLife

## Finished Product Testing Report

**Lot No.:** 200624W70CG0

**Product Name:** WSM Cooling Gel

**Manufacture Date:** 06-24-2020

**Expiration Date:** 06-24-2022

**Units Manufactured:** 1,030

**Lot Size:** 1,030

**Biomass COA ID:** DSL061300-02

**Distillate/Isolate COA ID:** DSL09031900-03

**Finished Product COA ID:** 200624W70CG0

**Finished Product Ingredients:**

| | | | |
|---|---|---|---|
| Purified Water | Arnica Montana Flower Extract | Isopropyl Alcohol | Natural Menthol |
| DimethylSulfone (MSM) | Emu Oil | Full Spectrum Hemp Oil (CBD) | Ilex Paraguarenis Leaf Extract |
| Tocopheryl (Vitamin E) | Aloe Barbadensis Leaf Extract | Carbomer | Triethanolamine |
| Phenoxyethanol | Caprylyl Glycol | Sorbic Acid | Boswellia Serrata Extract |
| Polysorbate 20 | Cinnamomum camphora bark oil | Curcuma Longa (Turmeric) Root | Zingiber Officinale (Ginger) Root Extract |
| Melaleuca Alternifolia (Tea Tree) Leaf Oil | Pyridoxine HCl (Vitamin B6) | EDTA | |

**Quality Assurance Status:** Pass

**Approved By:** B. Estes

**Date Approved:** 07-30-2020

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

**Kaycha Labs**

WSM Cooling Gel
N/A
Matrix: Derivative

# Certificate of Analysis

**Sample:MO00630003-015**
**Harvest/Lot ID: 200624W70CG0**
**Seed to Sale #**N/A
**Batch Date :**N/A
**Batch#:** 06/24/20
**Sample Size Received:** 10 ml
**Retail Product Size:** 177 ml
**Ordered** : 06/30/20
**Sampled** : 06/30/20
**Completed:** 07/27/20 Expires: 07/27/21
**Sampling Method:** SOP Client Method



## Jul 27, 2020 | Kentucky Naturals

8054 Production Dr.
Florence, KY, 41042, USA

**PRODUCT IMAGE** **SAFETY RESULTS** **MISC.**

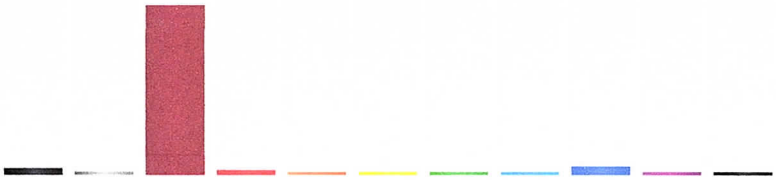
| Pesticides | Heavy Metals | Microbials | Mycotoxins | Residuals Solvents | Filth | Water Activity | Moisture | Terpenes |
|---|---|---|---|---|---|---|---|---|
| PASSED | PASSED | PASSED | PASSED | TESTED | PASSED | | | NOT TESTED |

## CANNABINOID RESULTS

**Total THC**
**0.036%**
**THC/Container :63.720 mg**

**Total CBD**
**1.082%**
**CBD/Container :1915.660 mg**

**Total Cannabinoids**
**1.197%**
**Total Cannabinoids/Container :2118.690 mg**



| | D9-THC | THCA | CBD | CBDA | D8-THC | THCV | CBN | CBDV | CBC | CBG | CBGA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0.036% | ND | 1.063% | 0.022% | ND | ND | ND | ND | 0.048% | 0.012% | 0.016% |
| | 0.360 mg/g | ND | 10.630 mg/g | 0.220 mg/g | ND | ND | ND | ND | 0.480 mg/g | 0.120 mg/g | 0.160 mg/g |
| LOD | 0.0001 % | 0.001 % | 0.0001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.001 % |

### Filth PASSED

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

**Analysis Method -**SOP.T.40.013 **Batch Date :**
**Analytical Batch -**NA **Reviewed On -** 07/02/20 14:11:22
**Instrument Used :**

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

### Cannabinoid Profile Test

| Analyzed by | Weight | Extraction date : | Extracted By : |
|---|---|---|---|
| 19 | 3.0193g | 06/30/20 04:06:09 | 19 |

**Analysis Method -**SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 07/02/20 10:47:48
**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%



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

Signature

07/27/2020
Signed On

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

**Kaycha Labs**

WSM Cooling Gel
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 : MO00630003-015**
**Harvest/LOT ID: 200624W70CG0**
**Batch# :** 06/24/20 **Sample Size Received :** 10 ml
**Sampled :** 06/30/20 **Completed :** 07/27/20 **Expires:** 07/27/21
**Ordered :** 06/30/20 **Sample Method :** SOP Client Method



## 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 |
| 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 | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 1 | 1.0010g | NA | NA |

**Analysis Method -** SOP.T.30.060, SOP.T.40.060 ,
**Analytical Batch -** MO000726PES **Reviewed On-** 07/02/20 14:11:22
**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 |
| 103019.37 | | Amber Glass Autosampler Vial (46610-726 1.8 mL)-24153361 |
| 103019.36 | | Blue PP Screw (9-426 Cap)-00289227 |
| 103019.34 | | |
| 103019.33 | | |

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). *



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

Signature

07/27/2020
Signed On

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**Kaycha Labs**
WSM Cooling Gel
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 : MO00630003-015**
**Harvest/LOT ID: 200624W70CG0**
**Batch# :** 06/24/20 **Sample Size Received :** 10 ml
**Sampled :** 06/30/20 **Completed :** 07/27/20 **Expires:** 07/27/21
**Ordered :** 06/30/20 **Sample Method :** SOP Client Method



## 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 | FAIL | >8000 |
| 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 |

## Residual Solvents — TESTED

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 18 | 0.033g | 07/06/20 11:07:47 | 18 |

**Analysis Method -** SOP.T.40.032
**Analytical Batch -** MO000729SOL **Reviewed On -** 07/06/20 12:56:11
**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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**Kaycha Labs**

WSM Cooling Gel
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 : MO00630003-015**
**Harvest/LOT ID: 200624W70CG0**
**Batch# :** 06/24/20
**Sampled :** 06/30/20
**Ordered :** 06/30/20
**Sample Size Received :** 10 ml
**Completed :** 07/27/20 **Expires:** 07/27/21
**Sample Method :** SOP Client Method



## Microbials — PASSED

| 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 **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.

## Mycotoxins — PASSED

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

**Analysis Method -**SOP.T.30.060, SOP.T.40.060
**Analytical Batch -**MO000727MYC **| Reviewed On -** 07/03/20 11:03:30
**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.T40.060 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Total Aflatoxins (Aflotoxin 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 | 0.521g | 07/07/20 10:07:54 | 18 |

**Analysis Method -**SOP.T.40.050, SOP.T.30.052
**Analytical Batch -MO000743HEA | Reviewed On -** 07/07/20 13:10:40
**Instrument Used :** ICP-MS 2030
**Batch Date :** 07/07/20 10:46:06

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.



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

Signature

07/27/2020
Signed On