

Sample Name: Sample

Client: Sample

Sample Type: Sample

Strain: Sample

Submitted: December 11, 2019

Tested: December 11, 2019

Expires: December 11, 2019

Submitted for: Sample

Profiling by Liquid Chromatography -

(SOP-014) | Date Performed:

| Cannabinoid | Percent | mg/g | LOQ (mg/g) | LOD (mg/g) | L.C. ¹ | Status |
|--------------|---------|------|------------|------------|-------------------|--------|
| d9-THC | NA | NA | | | | |
| d8-THC | NA | NA | | | | |
| THCA | NA | NA | | | | |
| THCV | NA | NA | | | | |
| CBG | NA | NA | | | | |
| CBGA | NA | NA | | | | |
| CBN | NA | NA | | | | |
| CBD | NA | NA | | | | |
| CBDV | NA | NA | | | | |
| CBDA | NA | NA | | | | |
| Total | NA | NA | NA | NA | - | |

Total THC

Total CBD

¹L.C. = Label Claim in Percentage (%)

Total THC = ((THCA*0.877)+ d9-THC)

Total CBD = ((CBDA*0.877)+ CBD)



Microbiological Screening -

Petrifilm screening for microbiological contamination. [SOP-009] | Date Performed:

| | Analysis | Limit of Detection | Action Limits | Status |
|---------------------|----------|--------------------|---------------|--------|
| Shiga-Toxin E. Coli | NA | < 1 cfu/g | cfu/g | |
| Salmonella | NA | < 1 cfu/g | cfu/g | |
| Aspergillus | NA | < 1 cfu/g | cfu/g | |
| Pseudomonas | NA | < 1 cfu/g | cfu/g | |
| APC | NA | < 1 cfu/g | cfu/g | |
| E. Coli | NA | < 1 cfu/g | cfu/g | |
| Coliform | NA | < 1 cfu/g | cfu/g | |
| Yeast & Mold | NA | < 1 cfu/g | cfu/g | |

*TNTC = Too Numerous To Count

¹ND = Not Detected

Residual Solvent Analysis -

Analysis of residual solvents. [SOP-011] | Date Performed:

| Solvent | ug/g | Action Limit | LOQ (ug/g) | LOD (ug/g) | Status |
|--------------------|------|--------------|------------|------------|--------|
| Benzene | NT | | | | |
| Chloroform | NT | | | | |
| 1,2-Dichloroethane | NT | | | | |
| Ethylene Oxide | NT | | | | |
| Methylene Chloride | NT | | | | |
| Trichloroethylene | NT | | | | |
| Acetone | NT | | | | |
| Acetonitrile | NT | | | | |
| Ethanol | NT | | | | |
| Ethyl Acetate | NT | | | | |
| Diethyl ether | NT | | | | |
| Heptane | NT | | | | |
| Hexane | NT | | | | |
| Isopropanol | NT | | | | |
| Methanol | NT | | | | |
| N-Butane | NT | | | | |
| Pentane | NT | | | | |
| Propane | NT | | | | |
| Toluene | NT | | | | |
| Total Xylenes | NT | | | | |

¹ND = Not Detected

**Client Limit is self-selected and will be replaced by official CA State limits when they become available

Foreign Material Analysis -

Analysis to determine whether foreign material is present | Date Performed:

| Analysis | Status |
|----------|--------|
|----------|--------|

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Chemical Residue Screening -

Targeted analysis of chemical residues. [SOP-017] | Date Performed:

| | ug/g | LOQ (ug/g) | LOD (ug/g) | Action Limit | Status | | ug/g | LOQ (ug/g) | LOD (ug/g) | Action Limit | Status |
|---------------------|------|------------|------------|--------------|--------|--------------------|------|------------|------------|--------------|--------|
| Abamectin | NT | | | | | Fludioxonil | NT | | | | |
| Acephate | NT | | | | | Hexythiazox | NT | | | | |
| Acequinocyl | NT | | | | | Imazalil | NT | | | | |
| Acetamiprid | NT | | | | | Imidacloprid | NT | | | | |
| Aldicarb | NT | | | | | Kresoxim-methyl | NT | | | | |
| Azoxystrobin | NT | | | | | Malathion | NT | | | | |
| Bifenazate | NT | | | | | Metaxyl | NT | | | | |
| Bifenthrin | NT | | | | | Methiocarb | NT | | | | |
| Boscalid | NT | | | | | Methomyl | NT | | | | |
| Captan | NT | | | | | Mevinphos | NT | | | | |
| Carbaryl | NT | | | | | Myclobutanil | NT | | | | |
| Carbofuran | NT | | | | | Naled | NT | | | | |
| Chlorantraniliprole | NT | | | | | Oxamyl | NT | | | | |
| Chlordane | NT | | | | | Paclobutrazol | NT | | | | |
| Chlorfenapyr | NT | | | | | Parathion methyl | NT | | | | |
| Chlorpyrifos | NT | | | | | PCNB | NT | | | | |
| Clofentezine | NT | | | | | Permethrin | NT | | | | |
| Coumaphos | NT | | | | | Phosmet | NT | | | | |
| Cyfluthrin | NT | | | | | Piperonyl butoxide | NT | | | | |
| Cypermethrin | NT | | | | | Prallethrin | NT | | | | |
| Daminozide | NT | | | | | Propiconazole | NT | | | | |
| Diazinon | NT | | | | | Propoxure | NT | | | | |
| Dichlorvos | NT | | | | | Pyrethrin | NT | | | | |
| Dimethoate | NT | | | | | Pyridaben | NT | | | | |
| Dimethomorph | NT | | | | | Spinetoram | NT | | | | |
| Ethoprophos | NT | | | | | Spinosad | NT | | | | |
| Etofenprox | NT | | | | | Spiromesifen | NT | | | | |
| Etoxazole | NT | | | | | Spirotetramat | NT | | | | |
| Fenhexamid | NT | | | | | Spiroxamine | NT | | | | |
| Fenoxycarb | NT | | | | | Tebuconazole | NT | | | | |
| Fenpyroximate | NT | | | | | Thiacloprid | NT | | | | |
| Fipronil | NT | | | | | Thiamethoxam | NT | | | | |
| Flonicamid | NT | | | | | Trifloxystrobin | NT | | | | |

*ND = Not Detected
 NT = Not Tested

Heavy Metals Profiling - Pass

Analysis of Heavy Metals. [SOP-012] | Date Performed: 2019-12-11

| | ug/g | LOQ(ug/g) | LOD(ug/g) | Action Limit | Status |
|---------|-----------------|-----------|-----------|--------------|--------|
| Cadmium | ND ¹ | 0.03 | 0.01 | 0.2 | Pass |
| Lead | <LOQ | 0.12 | 0.04 | 0.5 | Pass |
| Arsenic | <LOQ | 0.06 | 0.02 | 0.2 | Pass |
| Mercury | ND ¹ | 0.03 | 0.01 | 0.1 | Pass |

¹ND = Not Detected

Water Activity -

Analysis to determine water activity | Date Performed:

| Aw | Action Limit (Aw) | Status |
|----|-------------------|--------|
| | | |

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Mycotoxin Screening -

Analysis of Mycotoxins. | Date Performed:

| | | LOQ (mg/g) | LOD (mg/g) | Status |
|--------------|----|------------|------------|--------|
| Aflatoxin B1 | NT | | | |
| aflatoxin B2 | NT | | | |
| Aflatoxin G1 | NT | | | |
| Aflatoxin G2 | NT | | | |
| Ochratoxin A | NT | | | |

¹ND = Not Detected**Terpene Profiling -**

Analysis of terpenes. [SOP-012] | Date Performed:

| | PPM | mg/g | LOQ (mg/g) | LOD (mg/g) | L.C. ² | Status |
|-----------------|-----|------|------------|------------|-------------------|--------|
| b-Myrcene | NT | | | | | |
| a-Bisabolol | NT | | | | | |
| d3-Carene | NT | | | | | |
| d-Limonene | NT | | | | | |
| g-Terpinene | NT | | | | | |
| a-Pinene | NT | | | | | |
| b-Pinene | NT | | | | | |
| Camphene | NT | | | | | |
| b-Caryophyllene | NT | | | | | |
| Isopulegol | NT | | | | | |
| Linalool | NT | | | | | |
| a-Caryophyllene | NT | | | | | |
| guaiol | NT | | | | | |
| Terpinolene | NT | | | | | |
| a-Terpinene | NT | | | | | |

Total Terpenes**0.0 PPM**¹ND = Not Detected²L.C. = Label Claim