

**Certificate of Analysis for**

Club 13 Enterprises  
8165 State Rd 207  
Hastings, FL 32145  
Phone: (877) 922-5783

Received: 12/5/2023 @ 23.2 °C  
Report ID: 2312152

**Sample ID:** 2312152-004 S4V4112923.1

**ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 12/05/23**

|                     |       |       |
|---------------------|-------|-------|
| Aerobic Plate Count | 1,100 | CFU/g |
|---------------------|-------|-------|

**CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/05/23**

|                         |       |       |
|-------------------------|-------|-------|
| Total Coliform Bacteria | < 100 | CFU/g |
|-------------------------|-------|-------|

**ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 12/05/23**

|                  |       |       |
|------------------|-------|-------|
| Escherichia coli | < 100 | CFU/g |
|------------------|-------|-------|

**ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 12/07/23**

|              |       |             |              |       |             |
|--------------|-------|-------------|--------------|-------|-------------|
| Arsenic (As) | 0.410 | mg/kg (ppm) | Cadmium (Cd) | 0.026 | mg/kg (ppm) |
| Lead (Pb)    | 0.626 | mg/kg (ppm) | Mercury (Hg) | 0.025 | mg/kg (ppm) |

**MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 12/06/23**

|                      |         |   |                    |         |   |
|----------------------|---------|---|--------------------|---------|---|
| 7-Hydroxymitragynine | < 0.010 | % | Isorhynchophylline | 0.269   | % |
| Mitragynine          | 1.03    | % | Mitraphylline      | < 0.100 | % |
| Paynantheine         | 0.214   | % | Speciociliatine    | 0.431   | % |
| Speciogynine         | 0.141   | % | Total Alkaloids    | 2.08    | % |

**Myc.1: Mycotoxins by LC-MS Analyzed 12/06/23**

|              |      |             |              |      |             |
|--------------|------|-------------|--------------|------|-------------|
| Aflatoxin B1 | < 10 | µg/kg (ppb) | Aflatoxin B2 | < 10 | µg/kg (ppb) |
| Aflatoxin G1 | < 10 | µg/kg (ppb) | Aflatoxin G2 | < 10 | µg/kg (ppb) |
| Ochratoxin A | < 20 | µg/kg (ppb) |              |      |             |



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**Pest.1: Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins) Analyzed 12/06/23**

|                        |       |             |                         |      |             |
|------------------------|-------|-------------|-------------------------|------|-------------|
| Abamectin (B1a + B1b)  | < 50  | µg/kg (ppb) | Acephate                | < 25 | µg/kg (ppb) |
| Acequinocyl            | < 10  | µg/kg (ppb) | Acetamiprid             | < 10 | µg/kg (ppb) |
| Aldicarb               | < 25  | µg/kg (ppb) | Azoxystrobin            | < 10 | µg/kg (ppb) |
| Bifenazate             | < 50  | µg/kg (ppb) | Bifenthrin              | < 10 | µg/kg (ppb) |
| Boscalid               | < 50  | µg/kg (ppb) | Carbaryl                | < 25 | µg/kg (ppb) |
| Carbofuran             | < 25  | µg/kg (ppb) | Chlorantraniliprole     | < 25 | µg/kg (ppb) |
| Chlorfenapyr           | < 100 | µg/kg (ppb) | Chlorpyrifos            | < 10 | µg/kg (ppb) |
| Clofentezine           | < 10  | µg/kg (ppb) | Coumaphos               | < 10 | µg/kg (ppb) |
| Cyfluthrin (Baythroid) | < 50  | µg/kg (ppb) | Cypermethrin            | < 50 | µg/kg (ppb) |
| Daminozide             | < 25  | µg/kg (ppb) | Diazinon                | < 10 | µg/kg (ppb) |
| Dibrom (Naled)         | < 50  | µg/kg (ppb) | Dimethoate              | < 25 | µg/kg (ppb) |
| Dimethomorph           | < 25  | µg/kg (ppb) | Ethofenprox             | < 10 | µg/kg (ppb) |
| Ethoprophos (Prophos)  | < 25  | µg/kg (ppb) | Etoxazole               | < 25 | µg/kg (ppb) |
| Fenhexamid             | < 50  | µg/kg (ppb) | Fenoxycarb              | < 10 | µg/kg (ppb) |
| Fenpyroximate          | < 25  | µg/kg (ppb) | Fipronil                | < 10 | µg/kg (ppb) |
| Flonicamid             | < 25  | µg/kg (ppb) | Fludioxonil             | < 25 | µg/kg (ppb) |
| Hexythiazox            | < 10  | µg/kg (ppb) | Imazalil                | < 50 | µg/kg (ppb) |
| Imidacloprid           | < 10  | µg/kg (ppb) | Kresoxim Methyl         | < 10 | µg/kg (ppb) |
| Malathion              | < 100 | µg/kg (ppb) | Metalaxyl               | < 25 | µg/kg (ppb) |
| Methiocarb             | < 50  | µg/kg (ppb) | Methomyl                | < 25 | µg/kg (ppb) |
| Oxamyl                 | < 10  | µg/kg (ppb) | Paclobutrazol           | < 25 | µg/kg (ppb) |
| Permethrins            | < 10  | µg/kg (ppb) | Phosdrin (Mevinphos)    | < 50 | µg/kg (ppb) |
| Phosmet                | < 10  | µg/kg (ppb) | Piperonyl Butoxide      | < 10 | µg/kg (ppb) |
| Prallethrin            | < 25  | µg/kg (ppb) | Propiconazol            | < 25 | µg/kg (ppb) |
| Propoxur               | < 50  | µg/kg (ppb) | Pyrethrins              | < 50 | µg/kg (ppb) |
| Pyridaben              | < 10  | µg/kg (ppb) | Spinetoram              | < 25 | µg/kg (ppb) |
| Spinosad A             | < 10  | µg/kg (ppb) | Spinosad D              | < 50 | µg/kg (ppb) |
| Spiromesifen           | < 25  | µg/kg (ppb) | Spirotetramat           | < 25 | µg/kg (ppb) |
| Spiroxamine            | < 100 | µg/kg (ppb) | Systhane (Myclobutanil) | < 50 | µg/kg (ppb) |
| Tebuconazol (Folicur)  | < 25  | µg/kg (ppb) | Thiacloprid             | < 25 | µg/kg (ppb) |
| Thiamethoxam           | < 25  | µg/kg (ppb) | Trifloxystrobin         | < 10 | µg/kg (ppb) |

**Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR)**
**Analyzed 12/05/23**

Salmonella spp. Negative /25 g

**STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 12/05/23**

Staphylococcus aureus &lt; 100 CFU/g

**STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 12/05/23**

Shiga toxin-producing E. coli Negative /25 g

**YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 12/05/23**

Yeast and Mold &lt; 100 CFU/g



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Reported By:  Ryan Connelly, Chemistry Laboratory Manager, 12/8/2023

