

**Certificate of Analysis for**

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

Received: 2/13/2024 @ 17.8 °C
Report ID: 2402447

Sample ID: 2402447-002 S9V4020724.1

ACR.1a: AC by mass via AOAC 2015.13 (Petrifilm™) Analyzed 02/14/24

| | | |
|---------------------|-----|-------|
| Aerobic Plate Count | 700 | CFU/g |
|---------------------|-----|-------|

CCR.1a: CC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 02/14/24

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

ECR.1a: EC by mass via AOAC OM 2018.13 (Petrifilm™) Analyzed 02/14/24

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

ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 02/20/24

| | | | | | |
|--------------|-------|-------------|--------------|-------|-------------|
| Arsenic (As) | 0.129 | mg/kg (ppm) | Cadmium (Cd) | 0.022 | mg/kg (ppm) |
| Lead (Pb) | 0.507 | mg/kg (ppm) | Mercury (Hg) | 0.012 | mg/kg (ppm) |

MIT.2: Kratom Alkaloids via HPLC-DAD Analyzed 02/15/24

| | | | | | |
|----------------------|---------|---|--------------------|---------|---|
| 7-Hydroxymitragynine | < 0.010 | % | Isorhynchophylline | < 0.100 | % |
| Mitragynine | 1.29 | % | Mitraphylline | < 0.100 | % |
| Paynantheine | 0.319 | % | Speciociliatine | 0.374 | % |
| Speciogynine | 0.195 | % | Total Alkaloids | 2.18 | % |

Myc.1: Mycotoxins by LC-MS Analyzed 02/19/24

| | | | | | |
|--------------|------|-------------|--------------|------|-------------|
| 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 02/19/24

| | | | | | |
|------------------------|-------|-------------|-------------------------|------|-------------|
| Abamectin (B1a + B1b) | < 50 | µg/kg (ppb) | Acephate | < 25 | µg/kg (ppb) |
| Acequinocyl | < 25 | µg/kg (ppb) | Acetamiprid | < 10 | µg/kg (ppb) |
| Aldicarb | < 10 | µg/kg (ppb) | Azoxystrobin | < 10 | µg/kg (ppb) |
| Bifenazate | < 50 | µg/kg (ppb) | Bifenthrin | < 10 | µg/kg (ppb) |
| Boscalid | < 50 | µg/kg (ppb) | Carbaryl | < 50 | 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 | 183 | 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) |
| Fonicamid | < 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 02/14/24

Salmonella spp. Negative /25 g

STA.1a: S. aureus by mass via AOAC 2003.07, 2003.08, 2003.11 (Petrifilm™) Analyzed 02/14/24

Staphylococcus aureus < 100 CFU/g

STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145) via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 02/14/24

Shiga toxin-producing E. coli Negative /25 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed 02/14/24


Yeast and Mold < 100 CFU/g



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Reported By:  Ryan Connelly, Chemistry Laboratory Manager, 2/20/2024

