



CERTIFICATE OF ANALYSIS

STATUS: **RELEASED** REVISION: 00

DATE: 08/07/2023

Analysis ID No. 232318
 TDA License No. 2020002
 ISO/IEC No. 1055838
 Purchase Order: 20230563
 Page No. Page 1 of 2

| CUSTOMER INFORMATION | | SAMPLE INFORMATION | |
|------------------------------|--|--|---|
| Client Name: | Arvida Labs LLC | Submitted Sample Name: | Relif Lemon Drop |
| Address: | 1291 NW 65 TH PI Suite B, Fort Lauderdale, FL 33309 | Submitted Sample Lot: | 23135414261220 |
| Phone Number: | 305-330-8280 | Submitted Sample Description: | Yellow Beverage in Retail Package; Stored at RT |
| Contact Name / Email: | Nikola Veskovcic / nikola@arvidalabs.com | Submitted Sample Product Type / Matrix: | Kratom Extract / Beverage |

| ALKALOIDS ASSAY | | | | | |
|--------------------|-------------|-----------|---|---|------------------|
| Analysis | Test Method | LOQ | Specifications | Test Results | Pass / Fail |
| Mitragynine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | 0.863 w/w% 8.634 mg/g 9.066 mg/mL | Results Reported |
| Paynantheine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | 0.088 w/w% 0.878 mg/g 0.921 mg/mL | Results Reported |
| Speciogynine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | 0.067 w/w% 0.669 mg/g 0.703 mg/mL | Results Reported |
| Speciociliatine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | 0.303 w/w% 3.032 mg/g 3.184 mg/mL | Results Reported |
| 7-OH-Mitragynine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* % of Total Alkaloids: NMT 2% | < 0.010 w/w% | PASS |
| Mitraphylline | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | < 0.010 w/w% | Results Reported |
| Isorhynchophylline | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | < 0.010 w/w% | Results Reported |
| Corynoxine | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | < 0.010 w/w% | Results Reported |
| Total Alkaloids | UHPLC-DAD | 0.01 w/w% | w/w%: Report Only mg/g: Report Only mg/mL: Report Only* | 1.321 w/w% 13.214 mg/g 13.874 mg/mL | Results Reported |

| MICROBIOLOGICAL ASSAY | | | | | |
|----------------------------------|----------------|------------|-------------------|--------------|-------------|
| Analysis | Test Method | LOQ | Specifications | Test Results | Pass / Fail |
| Total Aerobic Plate Count (TAPC) | Isolation Agar | 10 CFU/gm | NMT 10,000 CFU/gm | < LOQ | PASS |
| Total Yeast & Mold (TYM) | Isolation Agar | 10 CFU/gm | NMT 1,000 CFU/gm | < LOQ | PASS |
| Coliforms | Isolation Agar | 10 CFU/gm | NMT 100 CFU/gm | < LOQ | PASS |
| Escherichia coli (E.coli) | Isolation Agar | 1 CFU/1 gm | Absent in 10 gm | Absent | PASS |
| Salmonella | Isolation Agar | 1 CFU/1 gm | Absent in 25 gm | Absent | PASS |

Santé Laboratories, LLC - 8201 East Riverside Drive, STE 650, Austin, Texas 78744 USA
 Email: Testing@santelabs.com - Telephone: 512-309-5830 - Website: www.santelabs.com

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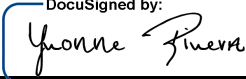
| HEAVY METALS ASSAY | | | | | |
|--------------------|---------------------------|--------|----------------|--------------|-------------|
| Analysis | Test Method | LOQ | Specifications | Test Results | Pass / Fail |
| Lead | USP <232> <233> by ICP-MS | 10 ppb | NMT 1,000 ppb | < LOQ | PASS |
| Mercury | USP <232> <233> by ICP-MS | 5 ppb | NMT 500 ppb | < LOQ | PASS |
| Arsenic | USP <232> <233> by ICP-MS | 10 ppb | NMT 1,500 ppb | < LOQ | PASS |
| Cadmium | USP <232> <233> by ICP-MS | 10 ppb | NMT 300 ppb | < LOQ | PASS |
| Nickel | USP <232> <233> by ICP-MS | 50 ppb | NMT 20,000 ppb | < LOQ | PASS |

| TESTING FACILITY INFORMATION | SAMPLE INFORMATION |
|--|--|
| Santé Laboratories 8201 East Riverside Drive, STE 650 Austin, Texas 78744 USA | Santé Sample ID: 232318 Receipt Date: 07/28/2023 / 02:40 PM CST / P. Steinberg Receipt Condition: Good Analysis Start Date: 07/31/2023 |

| ADDITIONAL REPORT NOTES |
|--|
| <p>The reported results presented in this document is only applicable to samples submitted to Santé Laboratories for testing and may not represent the entire lot and/or batch produced by the manufacturer. Heavy metal specifications according to limits defined by Texas DSHS for consumable hemp. Nickel specification according to oral drug products per USP <232>. Microbiological limits according to specifications defined by AHPA for botanical extracts. * Density: 1.050 g/mL, this is based on the average of five (5) weights.</p> <p>©2020 Santé Laboratories, LLC – All Rights Reserved</p> |

| VERSION HISTORY | | |
|-----------------|----------------|--------------------|
| Version | Effective Date | Summary of Changes |
| 00 | 08/07/2023 | Initial Release |

| PRODUCT SAMPLE / IMAGE |
|---|
|  |

| REVIEWED AND APPROVED BY | |
|--|--|
| <p>DocuSigned by:  E49DDA845186484...</p> <p>Yvonne Rivera Data Management Specialist Santé Laboratories</p> | <p>07 August 2023 2:55:38 PM PDT</p> <p>_____ Date</p> |

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