

Lot Number: 20-1001

Date of Manufacture: Feb-2020 SKU: MDI1MGCBD

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Certificate of Analysis

Product: Brēz CBD Inhaler (200 Actuations)

| Test Description | Test Method Number | Analyst | Specification | Results | Pass/ Fail |
|---|---|---------|---|--|---------------|
| Cannabidiol Total Content Assay LM-ET001-001 | | ECP | 90% to 110% of target 1.98%w/w for average and individual units | Mean: 99% Min: 94% Max: 105% | Pass |
| Dose Content Uniformity (DCU) | LM-ET001-001 LM-ET001-003 | ECP | The amount of active ingredient per determination is not outside of 80-120 percent of label claim for more than one of ten containers, none of the determinations is outside of 75-125 percent of the label claim, and the mean is not outside of 85-115 percent of the label claim. Label Claim: 1mg/actuation | Spray 1 Spray 1 Mean: 1.10mg Mean: 110% Min: 1.09mg Min: 109% Max: 1.12mg Max: 112% Spray 2 Mean: 1.08mg Mean: 108% Min: 1.06mg Min: 106% Max: 1.09mg Max: 109% | Pass |
| DCU through Container Life | LM-ET001- <mark>0</mark> 01 LM-ET001- <mark>003</mark> | ECP | The amount of active ingredient per determination is not outside of 80-120 percent of label claim for more than one of nine determinations from three containers, none of the determinations is outside of 75-125 percent of the label claim, and means for each of the beginning, middle, and end determinations are not outside of 85-115 percent of the label claim. Label Claim: 1mg/actuation | Beginning Beginning Mean: 1.09mg Mean: 109% Min: 1.06mg Min: 106% Max: 1.12mg Max: 112% Middle Mean: 1.04mg Mean: 104% Min: 0.94mg Min: 94% Max: 1.07mg Max: 107% End Mean: 109% Min: 1.06mg Min: 106% Max: 1.12mg Max: 112% | Pass |
| THC Content | 3 rd Party Labo | oratory | Total THC Content: Below detectable limit | None Detected Cert ID: 79782 | Pass |

| Authorization: EManuel C. Pive S | | |
|----------------------------------|--------------------|----------|
| Print Name | Signature Comments | |
| | | |
| Approval: | | |
| Kristen Bobroniecki | KustaBoliu | 05 m2020 |
| Print Name | Signature | Date |

Certificate ID: 79777 Received: 3/19/20

Client Sample ID: Brez CBD Inhaler - Release (HM)

Chris Hudalla, Chief Science Officer

Lot Number: 20-1001

Matrix: Personal Care - De-pressurized pMDI



Entourage Therapeutics

PO Box 9669

Fall River, MA 02720

Attn: Kristen Bobrowiecki

Authorization:

Signature:

Christophen Hudalla

Date:

4/1/2020







PJLA Testing
Accreditation
80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

HM: Heavy Metal Analysis [WI-10-13]

Analyst: CJS Test Date: 3/25/2020

Use Limits 2 (ug/kg)

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

79777-HM

| Symbol | Metal | Conc. 1 (µg/kg) | RL | All | Ingestion | Status |
|--------|---------|-----------------|----|-----|-----------|--------|
| As | Arsenic | ND | 50 | 200 | 1500 | PASS |
| Cd | Cadmium | ND | 50 | 200 | 500 | PASS |
| Hg | Mercury | ND | 50 | 100 | 1500 | PASS |
| Pb | Lead | ND | 50 | 500 | 1000 | PASS |

- 1) ND = None detected to Lowest Limits of Detection (LLD)
- 2) MA Dept. of Public Health: Protocol for MMJ and MIPS, Exhibit 4(a) for all products.
- 3)USP exposure limits based on daily oral dosing of 1g of concentrate for a 110 lb person.

END OF REPORT

Certificate ID: **79776** Received: **3/19/20**

Client Sample ID: Brez CBD Inhaler - Release (Micro)

Lot Number: 20-1001

Matrix: Personal Care - De-pressurized pMDI



Entourage Therapeutics

PO Box 9669

Fall River, MA 02720

Attn: Kristen Bobrowiecki

Authorization:

Signature:

Chris Hudalla, Chief Science Officer

Christophen Hudalla

Date:

4/1/2020







Accreditation

80585

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MB1: Microbiological Contaminants [WI-10-09]

Analyst: MM

Test Date: 3/23/2020

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79776-MB1

| Symbol | Analysis | Results | Units | Limits* | Status |
|--------|---|---------|-------|---------------|--------|
| AC | Total Aerobic Bacterial Count | <100 | CFU/g | 100,000 CFU/g | PASS |
| CC | Total Coliform Bacterial Count | <100 | CFU/g | 1,000 CFU/g | PASS |
| EB | Total Bile Tolerant Gram Negative Count | <100 | CFU/g | 1,000 CFU/g | PASS |
| YM | Total Yeast & Mold | <100 | CFU/g | 10,000 CFU/g | PASS |

Recommended limits established by the American Herbal Pharmacopoeia (AHP) monograph for Cannabis Inflorescence [2013], for consumable botanical products, including processed and unprocessed cannabis materials, and solvent-based extracts. Note: All recorded Microbiological tests are within the established limits.

MB2: Pathogenic Bacterial Contaminants [WI-10-10]

Analyst: LabAdmin

Test Date: 3/24/2020

This test method was performed in accordance with the requirements of ISO/IEC 17025. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

79776-MB2

| Test ID | Analysis | Results | Units | Limits* | Status |
|------------|----------------|----------|-------|--------------|--------|
| 79776-ECPT | E. coli (O157) | Negative | NA | Non Detected | PASS |
| 79776-SPT | Salmonella | Negative | NA | Non Detected | PASS |

Note: All recorded pathogenic bacteria tests passed.

END OF REPORT



Certificate ID: 79775 Received: 3/19/20

Client Sample ID: Brez CBD Inhaler - Release (Pest)

Lot Number: 20-1001

Matrix: Personal Care - De-pressurized pMDI



Entourage Therapeutics

PO Box 9669

Fall River, MA 02720

Attn: Kristen Bobrowiecki

Authorization:

Signature:

Chris Hudalla, Chief Science Officer

Christophen Hudalla

Date:

4/1/2020







PJLA Testing
Accreditation
80585

The data contained within this report was collected in accordance with the requirements of ISO/IEC17025:2017. I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the test article listed in this report. Reports may not be reproduced except in their entirety.

PST: Pesticide Analysis [WI-10-11]

Analyst: CJR

Test Date: 3/31/2020

The client sample was anlayzed for pesticides using Liquid Chromatography with Mass Spectrometric detection (LC/MS/MS). The method used for sample prep was based on the European method for pesticide analysis (EN 15662).

79775-PST

| Analyte | CAS | Result | Units | LLD | Limits (ppb) | Status |
|--------------------|-------------|--------|-------|-------|--------------|--------|
| Abamectin | 71751-41-2 | ND | ppb | 0.2 | 300 | PASS |
| Azoxystrobin | 131860-33-8 | ND | ppb | 0.10 | 40000 | PASS |
| Bifenazate | 149877-41-8 | ND | ppb | 0.10 | 5000 | PASS |
| Bifenthrin | 82657-04-3 | ND | ppb | 0.20 | 500 | PASS |
| Cyfluthrin | 68359-37-5 | ND | ppb | 0.50 | 1000 | PASS |
| Daminozide | 1596-84-5 | ND | ppb | 10.00 | 10 | * |
| Etoxazole | 153233-91-1 | ND | ppb | 0.10 | 1500 | PASS |
| Fenoxycarb | 72490-01-8 | ND | ppb | 0.10 | 10 | PASS |
| Imazalil | 35554-44-0 | ND | ppb | 0.10 | 10 | PASS |
| Imidacloprid | 138261-41-3 | ND | ppb | 0.10 | 3000 | PASS |
| Myclobutanil | 88671-89-0 | ND | ppb | 0.10 | 9000 | PASS |
| Paclobutrazol | 76738-62-0 | ND | ppb | 0.10 | 10 | PASS |
| Piperonyl butoxide | 51-03-6 | ND | ppb | 0.10 | 8000 | PASS |
| Pyrethrin | 8003-34-7 | ND | ppb | 0.1 | 1000 | PASS |
| Spinosad | 168316-95-8 | ND | ppb | 0.1 | 3000 | PASS |
| Spiromesifen | 283594-90-1 | ND | ppb | 0.10 | 12000 | PASS |
| Spirotetramat | 203313-25-1 | ND | ppb | 0.10 | 13000 | PASS |
| Trifloxystrobin | 141517-21-7 | ND | ppb | 0.10 | 30000 | PASS |

* Testing limits for ingestion established by the State of California: CCR, Title 16, Division 42, Chapter 5, Section 5313. ND indicates "none detected" above the lower limit of detection (LLD). Analytes marked with (*) indicate analytes for which no recovery was observed for a pre-spiked matrix sample.

END OF REPORT