



Comprehensive Analysis Report

Sample Overview

Client: Intrepid BioSciences

Sample Name: F&C Problem Salved

Date Received: 02/04/2022

Sample Matrix: Topical Applicant

APRC #: RMH220207D

Sample Lot: Chamomile/Vanilla

Lot Number: CG01BB10/23

| Assay | Disposition | Date Tested |
|-------------------|-------------|-------------|
| Residual Solvents | Tested | 02-08-2022 |



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Instrument Analysis Report

Residual Solvents

Method: 1-2027.02

Sample Name: F&C Problem Salved

APRC Lot Number: RMH220207D

| Residual Solvent | Finding (µg/g) | Action Level (µg/g) | Pass/Fail |
|-----------------------|----------------|---------------------|-----------|
| Dimethyl sulfoxide | ND | 5000 | Pass |
| N,N-dimethylacetamide | ND | 1090 | Pass |
| 1,2 Dimethoxyethane | ND | 100 | Pass |
| 1,4 Dioxane | ND | 380 | Pass |
| 1-Butanol | ND | 5000 | Pass |
| 1-Pentanol | ND | 5000 | Pass |
| 1-Propanol | ND | 5000 | Pass |
| 2-Butanone | ND | 5000 | Pass |
| 2-Butanol | ND | 5000 | Pass |
| 2-Ethoxyethanol | ND | 160 | Pass |
| 2-Methylbutane | ND | 5000 | Pass |
| 2-Propanol | ND | 5000 | Pass |
| Acetone | ND | 5000 | Pass |
| Acetonitrile | ND | 410 | Pass |
| Benzene | ND | 2 | Pass |
| Butane | ND | 5000 | Pass |
| Cumene | ND | 70 | Pass |
| Cyclohexane | ND | 3880 | Pass |
| Dichloromethane | ND | 600 | Pass |
| 2,2-Dimethylbutane | ND | 290 | Pass |
| 2,3-Dimethylbutane | ND | 290 | Pass |
| m,p-Xylene | ND | See Total Xylenes | Pass |
| o-Xylene | ND | See Total Xylenes | Pass |
| Ethanol | ND | 5000 | Pass |
| Ethyl Acetate | ND | 5000 | Pass |
| Ethyl Benzene | ND | See Total Xylenes | Pass |
| Ethyl Ether | ND | 5000 | Pass |
| Ethylene Glycol | ND | 620 | Pass |
| Ethylene Oxide | ND | 50 | Pass |

| Residual Solvent | Finding (µg/g) | Action Level (µg/g) | Pass/Fail |
|-----------------------|----------------|---------------------|-----------|
| Heptane | ND | 5000 | Pass |
| Hexane | ND | 290 | Pass |
| Isopropyl Acetate | ND | 5000 | Pass |
| Methanol | ND | 3000 | Pass |
| Methylpropane | ND | 5000 | Pass |
| 2-Methylpentane | ND | 290 | Pass |
| 3-Methylpentane | ND | 290 | Pass |
| N,N-Dimethylformamide | ND | 880 | Pass |
| Pentane | ND | 5000 | Pass |
| Propane | ND | 5000 | Pass |
| Pyridine | ND | 100 | Pass |
| Sulfolane | ND | 160 | Pass |
| Tetrahydrofuran | ND | 720 | Pass |
| Toluene | ND | 890 | Pass |
| Total Xylenes | ND | 2170 | Pass |

† Per Utah state code 4-41a-701(3) Section R68-29-6

‡ Total Xylenes is a combination of the following: o-Xylene, m-Xylene, p-Xylene, and Ethylbenzene

Overall Disposition: Pass

Performed By:

Reviewed By:

Approved By: William Deutschman
02/09/2022



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APRC #: RMH220207D

Sample Lot: Chamomile/Vanilla

Lot Number: CG01BB10/23

| Assay | Disposition | Date Tested |
|---------------------|-------------|-------------|
| Cannabinoid Testing | Tested | 02-08-2022 |



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Instrument Analysis Report

Potency

Method: SOP 1-2026.01

Sample Name: F&C Problem Salved

APRC Lot Number: RMH220207D

| Cannabinoid | RT | Total % | Total mg/g |
|------------------------------|------|---------|------------|
| Cannabidivarin | ND | ND | ND |
| Cannabidiolic Acid | ND | ND | ND |
| Cannabigerolic Acid | ND | ND | ND |
| Cannabigerol | 3.08 | 0.74 | 7.36 |
| Cannabidiol | 3.25 | 6.85 | 68.51 |
| Tetrahydrocannabivarin | ND | ND | ND |
| Cannabinol | ND | ND | ND |
| Delta-9-Tetrahydrocannabinol | 6.00 | 0.20 | 2.03 |
| Delta-8-Tetrahydrocannabinol | 6.30 | 0.02 | 0.22 |
| Cannabichromene | 7.53 | 0.23 | 2.31 |
| Tetrahydrocannabinolic acid | ND | ND | ND |

Performed by: Spencer Kipfmüller

Reviewed by: Cierra Gunn

| | % | mg/g |
|------------------------|------|-------|
| Total Cannabinoids | 8.04 | 80.42 |
| Total THC ^t | 0.20 | 2.03 |
| Total CBD ^s | 6.85 | 68.51 |

^tTotal Thc is calculated by Δ9-THC +(THCA-A*0.877)

^sTotal CBD is calculated by CBD + (CBDA*0.877)

Approved By: Cierra Gunn
02/09/2022



PCR-Microarray Analysis Report

Microbial Certificate of Analysis

Client: Intrepid BioSciences
Sample Name: F&C Problem Salved
Sample Matrix: Topical Applicant
Sample Lot: Chamomile/Vanilla
Lot Number: CG01BB10/23

Date Received: 02/07/2022
Date Tested: 02/07/2022
APRC #: RMH220207D

| Total Counts | | | |
|--|--------|----------------|-------------|
| Group | Result | Specification† | Disposition |
| Total Aerobic Bacteria | <10 | Report Only | Tested |
| Total Bile Tolerant Gram-Negative Bacteria | NT | NT | Not Tested |
| Total Enterobacteria/Coliforms | NT | NT | Not Tested |
| Total Yeast and Mold | <10 | Report Only | Tested |

| Specific Organism Identification | | | |
|---|--------|----------------|-------------|
| Organism | Result | Specification† | Disposition |
| <i>Aspergillus flavus</i> | ND | Report Only | Tested |
| <i>Aspergillus fumigatus</i> | ND | Report Only | Tested |
| <i>Aspergillus niger</i> | ND | Report Only | Tested |
| <i>Aspergillus terreus</i> | ND | Report Only | Tested |
| <i>Escherichia coli</i> – Non shigella | ND | Report Only | Tested |
| <i>Escherichia coli</i> – <i>Shigella</i> spp.‡ | ND | Report Only | Tested |
| <i>Listeria monocytogenes</i> | ND | Report Only | Tested |
| <i>Salmonella</i> – Specific Gene | ND | Report Only | Tested |
| <i>Staphylococcus aureus</i> | ND | Report Only | Tested |
| <i>Pseudomonas aeruginosa</i> | ND | Report Only | Tested |

† - Per Utah State R68-29-8 requirements

‡ - Interpretation is based on presence of *Shigella* specific genes along with positive findings of STX1 and STX2 genes.

Analyzed by: W. Deutschman

Notes:

Foreign Matter: ND

Reviewed by: C. Gunn



Insight Report

Printed at 2/10/2022 9:29:21 AM

F&C Problem Salved_Chamomile\$Vanilla_RM220207D_292022_842 AM_019

Sample ID: RMH220207D

Date acquired: 2/9/2022 4:51:09 PM

Acquired by: Admin

Data File: C:\LabSolutions\Data\F&C Problem Salved_Chamomile\$Vanilla_RM220207D_292022_842 AM_019.lcd

Vial: 63 | Inj. Volume: 1.0000uL | Tray: 1

| Name | Conc. | Unit | Comment 1 | Comment 2 |
|---------------------|-------|------|---------------|------------------|
| Abamectin B1a | ---- | ppm | 0.5 ppm limit | LOQ = 0.0005 ppm |
| Acephate | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Acequinocyl | ---- | ppm | 2 ppm limit | LOQ = 0.0005 ppm |
| Acetamiprid | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Aldicarb | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Azoxystrobin | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Bifenazate | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Bifenthrin | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Boscalid | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Carbaryl | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Carbofuran | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Chlorantraniliprole | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Chlorfenapyr | ---- | ppm | 1 ppm limit | LOQ = 0.0005 ppm |
| Chlorpyrifos | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Clofentezine | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Cyfluthrin | ---- | ppm | 1 ppm limit | LOQ = 0.0005 ppm |
| Cypermethrin | ---- | ppm | 1 ppm limit | LOQ = 0.0005 ppm |
| Daminozide | ---- | ppm | 1 ppm limit | LOQ = 0.01 ppm |
| Diazinon | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Dichlorvos (DDVP) | ---- | ppm | 0.1 ppm limit | LOQ = 0.0025 ppm |
| Dimethoate | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Ethoprophos | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Etofenprox | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Etoxazole | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Fenoxycarb | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Fenpyroximate | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Fipronil | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Flonicamid | ---- | ppm | 1 ppm limit | LOQ = 0.0005 ppm |
| Fludioxonil | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Hexythiazox | ---- | ppm | 1 ppm limit | LOQ = 0.0005 ppm |
| Imazalil | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Imidacloprid | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Kresoxim-methyl | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Malathion | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Metalaxyl | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Methiocarb | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Methomyl | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| MGK 264 (Pyrodone) | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Myclobutanil | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Naled | ---- | ppm | 0.5 ppm limit | LOQ = 0.0005 ppm |
| Oxamyl | ---- | ppm | 1 ppm limit | LOQ = 0.0005 ppm |
| Paclobutrazol | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Parathion Methyl | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Permethrin | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Phosmet | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Piperonyl butoxide | ---- | ppm | 2 ppm limit | LOQ = 0.0005 ppm |
| Prallethrin | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Propiconazole | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Propoxur | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Pyrethrin I | ---- | ppm | 0.5 ppm limit | LOQ = 0.0005 ppm |
| Pyrethrin II | ---- | ppm | 0.5 ppm limit | LOQ = 0.0005 ppm |
| Pyridaben | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Spinosad A | ---- | ppm | 0.1 ppm limit | LOQ = 0.0005 ppm |
| Spinosad D | ---- | ppm | 0.1 ppm limit | LOQ = 0.0005 ppm |
| Spiromesifen | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Spirotetramat | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Spiroxamine | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Tebuconazole | ---- | ppm | 0.4 ppm limit | LOQ = 0.0005 ppm |
| Thiacloprid | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Thiamethoxam | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |
| Trifloxystrobin | ---- | ppm | 0.2 ppm limit | LOQ = 0.0005 ppm |

Analyzed by: Dr. Noura Dosoky
Reviewed by: Dr. Prabodh Satyal

Date: 2/10/2022
Date: 2/10/2022

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APRC #: RMH220207D

Sample Lot: Chamomile/Vanilla

Lot Number: CG01BB10/23

| Assay | Disposition | Date Tested |
|--|-------------|-------------|
| Heavy Metals - Utah State Cannabis Panel | Tested | 02-10-2022 |



Instrument Analysis Report

Heavy Metals

Method: CTLA

Sample Name: F&C Problem Salved

APRC Lot Number: RMH220207D

| Analyte | Result (ppm) | LOD (ppm) | Threshold (ppm) | Pass/Fail |
|---------|--------------|-----------|-----------------|-----------|
| Arsenic | 0.009 | 0.001 | 2.00 | Pass |
| Cadmium | 0.002 | 0.001 | 0.82 | Pass |
| Lead | 0.214 | 0.001 | 1.20 | Pass |
| Mercury | <0.001 | 0.001 | 0.40 | Pass |

Heavy metal analysis is completed in partnership with Contract Testing Laboratories of America, Orem UT.

Performed by: CTLA

Reviewed by: Cierra Gunn

Approved By: Cierra Gunn
02/11/2022