

Certificate of Analysis

Produced: Mar 10, 2026

Sample: Buttercream (Flower) • Client: VAYU



Batch No.: BC10297F
Matrix: Flower
Sample ID: ICC-260306-33-002
Collected on: Mar 06, 2026
Received on: Mar 06, 2026
Sample Size:

Tests Taken

Potency

Moisture

Cannabinoid Overview

Total THC:	29.3 %
Total CBD:	0.0453 %
Total Cannabinoids:	29.7 %
Sum of Cannabinoids:	33.8 %

POT-INST-005: POT-INST-005: Potency • Mar 10, 2026 10:16:00 PDT

Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail	Analyte	Amt (%)	Amt (mg/g)	LOD/LOQ (mg/g)	Pass/Fail
CBC	ND	ND	0.0652/0.196	N/A	CBT	ND	ND	0.0283/0.0988	N/A
CBD	ND	ND	0.0199/0.0988	N/A	Δ ⁸ -THC	ND	ND	0.0160/0.0988	N/A
CBDA	0.0517	0.517	0.0477/0.143	N/A	Δ ⁹ -THC	0.215	2.15	0.0264/0.0988	N/A
CBDV	ND	ND	0.0158/0.0988	N/A	THCA	33.2	332	0.0363/0.109	N/A
CBG	0.0829	0.829	0.0225/0.0988	N/A	THCV	ND	ND	0.0122/0.0988	N/A
CBGA	0.237	2.37	0.0351/0.105	N/A	Total THC**	19.4	194		N/A
CBL	ND	ND	0.0155/0.0988	N/A	Total CBD**	0.0453	0.453		N/A
CBN	ND	ND	0.0225/0.0988	N/A	Total Cannabinoids**	29.7	297		N/A

** Total Cannabinoids = Neutral Cannabinoids + (Acidic Cannabinoids * 0.877)

** Total THC = Delta-10-THC + Delta-8-THC + (Delta-8-THCA x 0.877) + Delta-9-THC + THC-O-acetate + (THCA x 0.877)

** Total CBD = CBD + (CBDA x 0.877)

NR= Not Reported, ND= Not Detected, *Reported by Dry Mass*; *analytical instrumentation used Cannabinoids: UHPLC-DAD, Moisture: Mass by Drying, Water Activity: Water Activity Meter, Foreign: Microscope*
 *Density tested at a temperature range between 19-24 °C, *Water Activity tested at a humidity range between 0-90% Relative Humidity. All OA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001.



Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Butane		ND	0.822/4.10	N/A	Chloroform		ND	0.0305/0.0914	N/A
Hexane		ND	0.0559/0.238	N/A	Ethyl ether		ND	1.00/3.00	N/A
Acetone		ND	14.5/43.4	N/A	Acetonitrile		ND	0.102/0.304	N/A
Benzene		ND	0.0178/0.0541	N/A	Ethyl acetate		ND	0.265/1.94	N/A
Ethanol		ND	2.21/6.64	N/A	Ethylene oxide		ND	0.130/0.490	N/A
Heptane		ND	0.582/2.42	N/A	p- and m-Xylene		ND	0.0977/1.45	N/A
Pentane		ND	0.814/3.62	N/A	Isopropyl alcohol		ND	1.08/3.25	N/A
Propane		ND	3.75/11.3	N/A	Trichloroethylene		ND	0.0152/0.123	N/A
Toluene		ND	0.0745/0.731	N/A	1,2-Dichloroethane		ND	0.141/0.431	N/A
Methanol		ND	2.52/7.55	N/A	Methylene chloride		ND	0.108/0.617	N/A
o-Xylene		ND	0.0852/0.725	N/A					

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • Mar 10, 2026 13:40:00 PST

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Arsenic	0.2	0.0613	0.00300/0.00900	Pass	Lead	0.5	0.0123	0.00100/0.00400	Pass
Cadmium	0.2	0.0467	0.00100/0.00200	Pass	Mercury	0.1	ND	0.00500/0.0140	Pass

MICRO-INST-001, MICRO-PREP-001: MICRO-INST-001, MICRO-PREP-001: PCR-Microbial (inhalable) • Mar 10, 2026 15:03:00 PST

Analyte	Limit	Amt	Pass/Fail	Analyte	Limit	Amt	Pass/Fail
Aspergillus flavus	Any amt in 1 gram	ND	Pass	Aspergillus terreus	Any amt in 1 gram	ND	Pass
Aspergillus fumigatus	Any amt in 1 gram	ND	Pass	Salmonella spp.	Any amt in 1 gram	ND	Pass
Aspergillus niger	Any amt in 1 gram	ND	Pass	Shiga toxin-producing E. coli	Any amt in 1 gram	ND	Pass

PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Mycotoxin Analysis by LC-MS/MS • Mar 10, 2026 13:58:00 PST

Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail	Analyte	Limit (µg/kg)	Amt (µg/kg)	LOD/LOQ (µg/kg)	Pass/Fail
Aflatoxin B1		ND	0.990/5.00	N/A	Aflatoxin G2		ND	0.780/5.00	N/A
Aflatoxin B2		ND	2.00/6.05	N/A	Aflatoxins	20	ND		Pass
Aflatoxin G1		ND	3.38/10.2	N/A	Ochratoxin A	20	ND	6.43/19.5	Pass

PEST-GC-INST-003, PEST-GC-PREP-001: PEST-GC-INST-003, PEST-GC-PREP-001: Pesticide Analysis by GC-MS/MS • Mar 10, 2026 13:49:00 PST

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Captan	0.7	ND	0.120/0.358	Pass	Cypermethrin	1	ND	0.0256/0.0768	Pass
Chlordane	Any amt	ND	0.0249/0.0747	Pass	Methyl parathion	Any amt	ND	0.00811/0.0243	Pass
Chlorfenapyr	Any amt	ND	0.0251/0.0753	Pass	Pentachloronitrobenzene	0.1	ND	0.0182/0.0545	Pass
Cyfluthrin	2	ND	0.0186/0.0558	Pass					



PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: PESTMYCO-LC-INST-004, PESTMYCO-LC-PREP-001: Pesticide Analysis by LC-MS/MS • Mar 10, 2026 13:59:00 PST

Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit (µg/g)	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Abamectin	0.1	ND	0.0500/0.100	Pass	Methiocarb	Any amt	ND	0.0105/0.0319	Pass
Abamectin Ba		ND	0.0330/0.0990	N/A	Methomyl	1	ND	0.0118/0.0356	Pass
Acephate	0.1	ND	0.0105/0.0317	Pass	Mevinphos	Any amt	ND	0.0128/0.0387	Pass
Acetaminocyl	0.1	ND	0.0237/0.0718	Pass	Myclobutanil	0.1	ND	0.0149/0.0451	Pass
Acetamiprid	0.1	ND	0.00926/0.0300	Pass	Naled	0.1	ND	0.0204/0.0618	Pass
Aldicarb	Any amt	ND	0.0180/0.0544	Pass	Oxamyl	0.5	ND	0.0119/0.0361	Pass
Azoxystrobin	0.1	ND	0.00595/0.0300	Pass	Paclobutrazol	Any amt	ND	0.0111/0.0335	Pass
Bifenazate	0.1	ND	0.00972/0.0300	Pass	Permethrin	0.5	ND	0.0162/0.0491	Pass
Bifenthrin	3	ND	0.00640/0.0300	Pass	Permethrin cis		ND	0.0300/0.0500	N/A
Boscalid	0.1	ND	0.0115/0.0348	Pass	Permethrin trans		ND	0.0300/0.0500	N/A
Carbaryl	0.5	ND	0.0139/0.0420	Pass	Phosmet	0.1	ND	0.0101/0.0307	Pass
Carbofuran	Any amt	ND	0.00666/0.0300	Pass	Piperonylbutoxide	3	ND	0.00635/0.0300	Pass
Chlorantraniliprole	10	ND	0.0123/0.0373	Pass	Prallethrin	0.1	ND	0.0149/0.0453	Pass
Chlorpyrifos	Any amt	ND	0.0158/0.0479	Pass	Propiconazole	0.1	ND	0.0138/0.0417	Pass
Clofentezine	0.1	ND	0.00940/0.0300	Pass	Propoxur	Any amt	ND	0.0115/0.0350	Pass
Coumaphos	Any amt	ND	0.0103/0.0312	Pass	Pyrethrins	0.5	ND	0.00682/0.0300	Pass
Daminozide	Any amt	ND	0.0283/0.0300	Pass	Pyrethrins Cinerin I		ND		N/A
Diazinon	0.1	ND	0.00328/0.0300	Pass	Pyrethrins Cinerin II		ND		N/A
Dichlorvos	Any amt	ND	0.0217/0.0658	Pass	Pyrethrins Jasmolin I		ND		N/A
Dimethoate	Any amt	ND	0.00982/0.0300	Pass	Pyrethrins Jasmolin II		ND		N/A
Dimethomorph	2	ND	0.00916/0.0300	Pass	Pyrethrins Pyrethrin I		ND	0.0300/0.0450	N/A
Ethoprophos	Any amt	ND	0.0115/0.0349	Pass	Pyrethrins Pyrethrin II		ND	0.0200/0.0300	N/A
Etofenprox	Any amt	ND	0.00620/0.0300	Pass	Pyridaben	0.1	ND	0.00778/0.0300	Pass
Etoxazole	0.1	ND	0.00516/0.0300	Pass	Spinetoram	0.1	ND	0.00500/0.0300	Pass
Fenhexamid	0.1	ND	0.0118/0.0357	Pass	Spinetoram J		ND	0.0100/0.0200	N/A
Fenoxycarb	Any amt	ND	0.0108/0.0327	Pass	Spinetoram L		ND	0.0100/0.0200	N/A
Fenpyroximate	0.1	ND	0.00639/0.0300	Pass	Spinosad	0.1	ND	0.00250/0.0300	Pass
Fipronil	Any amt	ND	0.0167/0.0507	Pass	Spinosad A		ND	0.0100/0.0300	N/A
Flonicamid	0.1	ND	0.0177/0.0537	Pass	Spinosad D		ND	0.0100/0.0300	N/A
Fludioxonil	0.1	ND	0.0177/0.0535	Pass	Spiromesifen	0.1	ND	0.00830/0.0300	Pass
Hexythiazox	0.1	ND	0.0106/0.0321	Pass	Spirotetramat	0.1	ND	0.00995/0.0302	Pass
Imazalil	Any amt	ND	0.0135/0.0410	Pass	Spiroxamine	Any amt	ND	0.00794/0.0300	Pass
Imidacloprid	5	< LOQ	0.0180/0.0546	Pass	Tebuconazole	0.1	ND	0.0101/0.0306	Pass
Kresoxim-methyl	0.1	ND	0.0117/0.0354	Pass	Thiacloprid	Any amt	ND	0.0109/0.0329	Pass
Malathion	0.5	ND	0.00830/0.0300	Pass	Thiamethoxam	5	ND	0.0118/0.0357	Pass
Metalaxyl	2	ND	0.00661/0.0300	Pass	Trifloxystrobin	0.1	ND	0.00557/0.0300	Pass

MOISTURE-001: MOISTURE-001: Cannabis Plant Material Moisture by Moisture Analyser • Mar 10, 2026 13:35:00 PS

Analyte	Amt (%)	Pass/Fail
Moisture	9.86	N/A

Water Activity by Water Activity Meter • Mar 10, 2026 13:36:00 PST

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.65	0.526	Pass



