



Potency Results

Sample Name: Silver Marker

Client: VAYU

Client Batch ID: SM5GB903

Pinnacle-Analytics.com

613 Market St

Medford OR 97504

P:(541)300-8217

Sample ID: rC-H-355-G875

Matrix: Flower

Prep Analyst: Megan A.

Analysis Method: 0813497 H4 4-23-2026 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

Analysis Batch: 5-22-2026 H4 355, 651 Flower

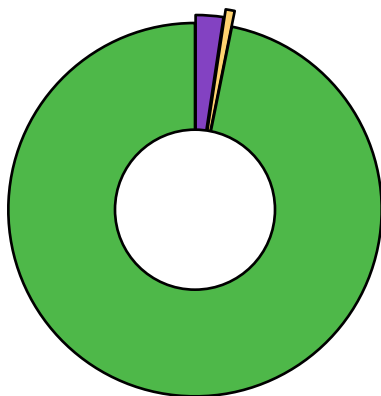
Date Sampled: 5/20/2026

Date Reported: 5/22/2026

Client License: N/A

For R&D Purposes Only

Total THC (THCA*0.877+d9-THC)	29.4%
Total CBD (CBDA*0.877+CBD)	0%
Moisture Content	12.1%



Cannabinoid	% Weight	mg/g
CBDV	<LOQ	<LOQ
CBDA	<LOQ	<LOQ
CBGA	0.819	8.19
CBG	<LOQ	<LOQ
CBD	<LOQ	<LOQ
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC	0.268	2.68
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA	33.2	332.0
Total Cannabinoids	34.29	343.0

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured

- CBGA
- d9-THC
- THCA



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Report generated by Flex_Potency_Rev1_2-9-2025


Kris Ford, PhD
Lab Director



Quality Control Results

Analyst: Megan A.

Analysis Batch: 5-22-2026 H4 355, 651 Flower

Pinnacle-Analytics.com

613 Market St

Medford OR 97504

P:(541)300-8217

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-G872-b	Limit	C-FL-052226	Limits	C-FB-052226	Limit
CBDA	<LOQ%	30%	96.4%	90-110%	<LOQ/2	LOQ/2
CBD	<LOQ%	30%	98.8%	90-110%	<LOQ/2	LOQ/2
d9-THC	0.379%	30%	97.2%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	100.0%	90-110%	<LOQ/2	LOQ/2
THCA	0.0467%	10%	97.9%	90-110%	<LOQ/2	LOQ/2

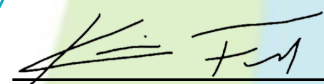
RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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Report generated by Flex_Potency_Rev1_2-9-2025


Kris Ford, PhD
Lab Director

Certificate of Analysis

Produced: May 24, 2026

Sample: Silver Marker (Flower) • Client: VAYU • Batch: Pass

Batch No.: SM5GB903
Src Pkg: Silver Marker
Matrix: Flower
Sample ID: ICC-260225-24-002
Collected on: May 22, 2026
Received on: May 22, 2026
Sample Size:

Batch Result: Pass

Solvents	Tested	Pesticides	Pass
Metals	Pass	Foreign	Pass
Microbial	Pass	Moisture	Tested
Mycotoxins	Pass	Water Activity	Pass

infiniteCAL

:: Residual Solvents by GC-MS • May 24, 2026 15:55:00 PST

Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail	Analyte	Limit	Amt (µg/g)	LOD/LOQ (µg/g)	Pass/Fail
Butane		ND	0.812/4.06	N/A	Chloroform		ND	0.0301/0.0904	N/A
Hexane		ND	0.0552/0.235	N/A	Ethyl ether		ND	0.990/2.97	N/A
Acetone		ND	14.3/42.9	N/A	Acetonitrile		ND	0.100/0.300	N/A
Benzene		ND	0.0176/0.0535	N/A	Ethyl acetate		ND	0.262/1.91	N/A
Ethanol		< LOQ	2.19/6.56	N/A	Ethylene oxide		ND	0.128/0.484	N/A
Heptane		ND	0.575/2.39	N/A	p- and m-Xylene		ND	0.0966/1.44	N/A
Pentane		ND	0.805/3.57	N/A	Isopropyl alcohol		4.98	1.07/3.21	N/A
Propane		ND	3.71/11.1	N/A	Trichloroethylene		ND	0.0151/0.121	N/A
Toluene		< LOQ	0.0736/0.723	N/A	1,2-Dichloroethane		ND	0.140/0.426	N/A
Methanol		ND	2.49/7.46	N/A	Methylene chloride		ND	0.106/0.610	N/A
o-Xylene		ND	0.0843/0.717	N/A					

HM-INST-003, HM-PREP-001: HM-INST-003, HM-PREP-001: Heavy Metals Testing by ICP-MS • May 24, 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	0.0183	0.00300/0.00900	Pass	Lead	0.5	0.00881	0.00100/0.00400	Pass
Cadmium	0.2	0.0486	0.00100/0.00200	Pass	Mercury	0.1	ND	0.00500/0.0140	Pass



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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 • May 24, 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 • May 24, 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 • May 24, 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
Acequinocyl	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	ND	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 • May 24, 2026 13:35:00 PST

Analyte	Amt (%)	Pass/Fail
Moisture	10.9	N/A



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Water Activity by Water Activity Meter • May 24, 2026 13:36:00 PST

Analyte	Limit (Aw)	Amt (Aw)	Pass/Fail
Water Activity	0.65	0.599	Pass



A handwritten signature in black ink, appearing to read 'DM', located below the certification text for David Marelius.

A handwritten signature in black ink, appearing to read 'Erik Paul', located below the certification text for Erik Paulson.