

# CERTIFICATE OF ANALYSIS



**cambium**  
analytica

**SAMPLE NAME:** 56970811 | LEVEL | TABLETS | PROTAB HYBRID | 20MG THC | 10 PACK

**SAMPLE CODE:** CAN 241104 049

**CLIENT:** PLEASANTREES | AU P 000128

**BATCH RESULT:** PASS

1230 Woodmere Ave  
Traverse City, MI 49686  
231.252.3669  
cambiumanalytica.com  
License #: AU SC 000112



**SOURCE PACKAGE:**

1A405030000AAB5000125372

**TEST PACKAGE:**

1A405030000AAB5000125373

**MATRIX NAME:** Edible Solid -  
Tablet/Capsule

**SAMPLE TYPE:** Compliance

**RECEIVED DATE:** Mon, Nov 4, 2024

**PUBLISHED DATE:** Mon, Nov 11, 2024

**BATCH/LOT CODE:** LVLPTHYB20MG110424-  
125372

**BATCH SIZE:** 25428U

**SAMPLE SIZE:** 66U

**AVERAGE UNIT WEIGHT:** 0.1863g (One  
serving is 1/2 of one unit. 20

DELTA 9 THC 9.17 mg / serv

TOTAL CANNABINOIDS 9.61 mg / serv

TOTAL THC 9.17 mg / serv

TOTAL CBD 0.01 mg / serv

<b>POT</b> ✓ Cannabinoids Potency	<b>MET</b> ✓ Heavy Metals	<b>SOL</b> ✓ Residual Solvents USP <467>	<b>ASP</b> ✓ Aspergillus qPCR	<b>COL</b> ✓ Total Coliforms Plate
<b>PGC</b> ✓ Chemical Residue MI Cannabis	<b>PLC</b> ✓ Chemical Residue MI Cannabis	<b>FOR</b> ✓ Foreign Matter & Filth	<b>TYM</b> ✓ Total Yeast & Mold qPCR	<b>SS</b> ✓ Salmonella & STEC qPCR
<b>CNHOM</b> ✓ Cannabinoids Homogeneity	<b>AWA</b> ✓ Water Activity			

**RESULTS REVIEWED BY:** Leslie Varela  
Laboratory Director  
Cambium Analytica  
Monday, Nov 11, 2024

**RESULTS CERTIFIED BY:** Douglas Smith  
VP - Scientific Operations  
Cambium Analytica  
Monday, Nov 11, 2024

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**POT** **CANNABINOIDS - POTENCY**  
LAB-TM-025 - DETERMINATION OF POTENCY OF CANNABIS AND CANNABIS INFUSED PRODUCTS ACN  
POT-CAN-241104-049-01 - WED, NOV 6, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Delta-9 THC	9.8465 %	98.4647 mg/g	9.17 mg	183.44 mg	N/A	0.4945 ug/g	1.516 ug/g	N/A
CBG	0.2890 %	2.8898 mg/g	0.27 mg	5.38 mg	N/A	0.2073 ug/g	0.8539 ug/g	N/A
CBN	0.1111 %	1.1114 mg/g	0.10 mg	2.07 mg	N/A	0.3561 ug/g	4.3163 ug/g	N/A
Delta-9 THCV	0.0629 %	0.6288 mg/g	0.06 mg	1.17 mg	N/A	0.2699 ug/g	0.4033 ug/g	N/A
CBD	0.0102 %	0.1022 mg/g	0.01 mg	0.19 mg	N/A	0.6432 ug/g	5.401 ug/g	N/A
CBC	ND	N/A	N/A	N/A	N/A	0.4372 ug/g	4.843 ug/g	N/A
CBDA	ND	N/A	N/A	N/A	N/A	0.0886 ug/g	0.2949 ug/g	N/A
CBDV	ND	N/A	N/A	N/A	N/A	0.0919 ug/g	0.4418 ug/g	N/A
CBGA	ND	N/A	N/A	N/A	N/A	0.4596 ug/g	4.8149 ug/g	N/A
Delta-8 THC	ND	N/A	N/A	N/A	1.1 mg/serv	0.4043 ug/g	4.5669 ug/g	PASS
Delta-8 THCV	ND	N/A	N/A	N/A	N/A	0.0504 ug/g	0.3393 ug/g	N/A
THCA	ND	N/A	N/A	N/A	N/A	0.4497 ug/g	4.9472 ug/g	N/A
Total Cannabinoids*	10.3197 %	103.1971 mg/g	9.61 mg	192.26 mg	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	9.8465 %	98.4647 mg/g	9.17 mg	183.44 mg	11.0 mg/serv	N/A	N/A	PASS
Total THC*	9.8465 %	98.4647 mg/g	9.17 mg	183.44 mg	N/A	N/A	N/A	N/A
Total THCV*	0.0629 %	0.6288 mg/g	0.06 mg	1.17 mg	N/A	N/A	N/A	N/A
Total CBD*	0.0102 %	0.1022 mg/g	0.01 mg	0.19 mg	N/A	N/A	N/A	N/A

**MET** **HEAVY METALS**  
LAB-TM-005 - DETERMINATION OF HEAVY METALS IN CANNABIS AND CANNABIS-INFUSED PRODUCTS BY ICP-MS  
MET-CAN-241104-049-01 - THU, NOV 7, 2024



ANALYTE	VALUE	VALUE (MG/G)	PER SERVING	PER PACKAGE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	0.001 ug/g	N/A	0.00 ug	0.00 ug	1.5 ug/g	0.198 ug/kg	0.662 ug/kg	PASS
Cadmium	0.001 ug/g	N/A	0.00 ug	0.00 ug	0.5 ug/g	0.082 ug/kg	0.272 ug/kg	PASS
Chromium	0.174 ug/g	N/A	0.02 ug	0.32 ug	2.0 ug/g	0.627 ug/kg	2.091 ug/kg	PASS
Copper	0.044 ug/g	N/A	0.00 ug	0.08 ug	N/A	0.155 ug/kg	0.515 ug/kg	N/A
Lead	0.003 ug/g	N/A	0.00 ug	0.01 ug	0.5 ug/g	0.155 ug/kg	0.515 ug/kg	PASS
Mercury	ND	N/A	N/A	N/A	3.0 ug/g	0.017 ug/kg	0.057 ug/kg	PASS
Nickel	0.127 ug/g	N/A	0.01 ug	0.24 ug	N/A	0.321 ug/kg	1.071 ug/kg	N/A



SOL

## RESIDUAL SOLVENTS - USP &lt;467&gt;

LAB-TM-004 - DETERMINATION OF RESIDUAL SOLVENTS  
SOL-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	5 ug/g	0.4 ug/g	1.34 ug/g	PASS
2-Methylbutane	ND	290 ug/g	1.54 ug/g	5.14 ug/g	PASS
2-Methylpentane	ND	290 ug/g	0.046 ug/g	0.154 ug/g	PASS
2,2-Dimethylbutane	ND	290 ug/g	0.98 ug/g	3.27 ug/g	PASS
2,3-Dimethylbutane	ND	290 ug/g	2.19 ug/g	7.32 ug/g	PASS
3-Methylpentane	ND	290 ug/g	0.73 ug/g	2.44 ug/g	PASS
Acetone	ND	5000 ug/g	1.57 ug/g	5.23 ug/g	PASS
Acetonitrile	ND	410 ug/g	1.85 ug/g	6.17 ug/g	PASS
Benzene	ND	2 ug/g	0.18 ug/g	0.59 ug/g	PASS
Butane	ND	5000 ug/g	1.68 ug/g	5.59 ug/g	PASS
Chloroform	ND	60 ug/g	0.78 ug/g	2.59 ug/g	PASS
Ethanol	ND	5000 ug/g	6.02 ug/g	20.1 ug/g	PASS
Ethyl Acetate	ND	5000 ug/g	1.95 ug/g	6.49 ug/g	PASS
Ethyl Ether	ND	5000 ug/g	1.37 ug/g	4.55 ug/g	PASS
Ethylene Oxide	ND	50 ug/g	0.15 ug/g	0.49 ug/g	PASS
Heptane	ND	5000 ug/g	1.31 ug/g	4.37 ug/g	PASS
Hexane	ND	290 ug/g	1.42 ug/g	4.74 ug/g	PASS
Isobutane	ND	5000 ug/g	1.6 ug/g	5.34 ug/g	PASS
Isopropyl Alcohol	ND	5000 ug/g	4.9 ug/g	16.3 ug/g	PASS
Methanol	ND	3000 ug/g	7.89 ug/g	26.4 ug/g	PASS
Methylene Chloride	ND	600 ug/g	1.36 ug/g	4.53 ug/g	PASS
Neopentane	ND	5000 ug/g	1.49 ug/g	4.97 ug/g	PASS
Pentane	ND	5000 ug/g	1.46 ug/g	4.87 ug/g	PASS
Propane	ND	5000 ug/g	1.95 ug/g	6.51 ug/g	PASS
Toluene	ND	890 ug/g	1.88 ug/g	6.26 ug/g	PASS
Total Xylenes	ND	2170 ug/g	2.02 ug/g	6.72 ug/g	PASS
Trichloroethylene	ND	80 ug/g	0.29 ug/g	0.96 ug/g	PASS
Butanes (Sum of Butane and Isobutane)	ND	5000 ug/g			PASS
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	ND	290 ug/g			PASS
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	ND	5000 ug/g			PASS



ASP

**ASPERGILLUS - QPCR**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR  
ASP-CAN-241104-049-01 - MON, NOV 11, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Aspergillus Flavus	ND	Detection	N/A	N/A	PASS
Aspergillus Fumigatus	ND	Detection	N/A	N/A	PASS
Aspergillus Niger	ND	Detection	N/A	N/A	PASS
Aspergillus Spp	ND	Detection	N/A	N/A	PASS
Aspergillus Terreus	ND	Detection	N/A	N/A	PASS

COL

**TOTAL COLIFORMS - PLATE**LAB-TM-026 - ENUMERATION OF TOTAL COLIFORMS ON 3M CC PLATES  
COL-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Coliforms	10.0 CFU/g	100 CFU/g	10 CFU/g	10 CFU/g	PASS

PGC

**CHEMICAL RESIDUE - MI CANNABIS - GC/TQ**LAB-TM-003 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY GC  
PGC-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Chlorfenapyr	ND	1 ug/g	6.110 ug/kg	20.400 ug/kg	PASS
Methyl Parathion	ND	0.2 ug/g	3.120 ug/kg	10.500 ug/kg	PASS



PLC

## CHEMICAL RESIDUE - MI CANNABIS - LC/TQ

LAB-TM-002 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY LC-TQ  
PLC-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Abamectin	ND	0.5 ug/g	0.05 ug/g	0.10 ug/g	PASS
Acephate	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Acequinocyl	ND	2.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Acetamiprid	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Aldicarb	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Azoxystrobin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Bifenazate	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Bifenthrin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Boscalid	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Carbaryl	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Carbofuran	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Chlorantraniliprole	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Chlorpyrifos	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Clofentezine	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Cyfluthrin	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Cypermethrin	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Daminozide	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Diazinon	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Dichlorvos	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Dimethoate	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Ethoprophos	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Etofenprox	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Etoxazole	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fenoxycarb	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fenpyroximate	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fipronil	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fonicamid	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fludioxonil	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Hexythiazox	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Imazalil	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Imidacloprid	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Kresoxim Methyl	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Malathion	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Metalaxyl	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Methiocarb	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS



PLC

## CHEMICAL RESIDUE - MI CANNABIS - LC/TQ

LAB-TM-002 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY LC-TQ  
PLC-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Methomyl	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
MGK-264	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Myclobutanil	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Naled	ND	0.5 ug/g	0.05 ug/g	0.10 ug/g	PASS
Oxamyl	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Paclotrazol	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Phosmet	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Prallethrin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Propiconazole	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Propoxur	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Pyrethrins (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Pyridaben	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spinosad	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spiromesifen	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spirotetramat	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spiroxamine	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Tebuconazole	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Thiacloprid	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Thiamethoxam	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Trifloxystrobin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS



FOR

**FOREIGN MATTER & FILTH**LAB-TM-007 - FOREIGN MATTER AND FILTH ANALYSIS  
FOR-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Inorganic Matter	0.00 %	Detection	N/A	N/A	PASS
Organic Matter	0.00 %	2 %	N/A	N/A	PASS
Stems	0.00 %	5 %	N/A	N/A	PASS
Total Foreign Matter	0.00 %	N/A	N/A	N/A	N/A

TYM

**TOTAL YEAST & MOLD - QPCR**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR  
TYM-CAN-241104-049-01 - MON, NOV 11, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	10000 CFU/g	1 CFU/g	1 CFU/g	PASS

SS

**SALMONELLA & STEC- QPCR**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR  
SS-CAN-241104-049-01 - MON, NOV 11, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Salmonella Spp	ND	Detection	N/A	N/A	PASS
Shiga Toxin Producing E. coli	ND	Detection	N/A	N/A	PASS

CNHOM

**CANNABINOIDS - HOMOGENEITY**NULL HOMOGENEITY OF CANNABINOIDS BY HPLC-DAD  
CNHOM-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Delta-9 THC - RSD	2.612 %	15.0 %	N/A	N/A	PASS

AWA

**WATER ACTIVITY**LAB-TM-009 - DETERMINATION OF WATER ACTIVITY  
AWA-CAN-241104-049-01 - WED, NOV 6, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Water Activity	0.513 aw	0.85 aw	N/A	N/A	PASS

