

# CERTIFICATE OF ANALYSIS

**SAMPLE NAME:** AU-PLEASANTTREES X LEVEL-BULK PROTAB BOOST-20MG-BOOST

**SAMPLE CODE:** CAN-240212-135

**CLIENT:** PLEASANTTREES | AU-P-000128

**BATCH RESULT:** PASS



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Traverse City, MI 49686  
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cambiumanalytica.com  
License #: AU-SC-000112



**SOURCE PACKAGE:** 1A405030000AAB5000071548

**TEST PACKAGE:** 1A405030000AAB5000071563

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

**SAMPLE TYPE:** Compliance

**RECEIVED DATE:** Tue, Feb 13, 2024

**PUBLISHED DATE:** Fri, Feb 16, 2024

**BATCH CODE:** MIPT240207BST-71548

**BATCH SIZE:** 66697U

**SAMPLE SIZE:** 30U

**AVERAGE UNIT WEIGHT:** 0.2039g (One serving is 1/2 of one unit. 20 servings/package.)

**TOTAL CANNABINOIDS** 17.85 mg/serv

**TOTAL THC** 10.28 mg/serv

**TOTAL CBD** 0.09 mg/serv

POT ✓  
**Cannabinoids**  
Potency

MET ✓  
**Heavy Metals**

SOL ✓  
**Residual Solvents**  
USP <467>

ASP ✓  
**Aspergillus**  
qPCR

COL ✓  
**Total Coliforms**  
Plate

PGC ✓  
**Chemical Residue**  
MI Cannabis

PLC ✓  
**Chemical Residue**  
MI Cannabis

FOR ✓  
**Foreign Matter & Filth**

TYM ✓  
**Total Yeast & Mold**  
Plate

SS ✓  
**Salmonella & STEC**  
qPCR

CNHOM ✓  
**Cannabinoids**  
Homogeneity

AWA ✓  
**Water Activity**

**RESULTS REVIEWED BY:** Leslie Varela  
Laboratory Director  
Cambium Analytica  
Friday, Feb 16, 2024

**RESULTS CERTIFIED BY:** Douglas Smith  
VP - Scientific Operations  
Cambium Analytica  
Fri, Feb 16, 2024

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**LAB-TM-025 - DETERMINATION OF POTENCY OF CANNABIS AND CANNABIS INFUSED PRODUCTS ACN**  
 POT-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	VALUE (PER SERVING)	VALUE (PER PACKAGE)	ACTION LIMIT	LOD	LOQ	STATUS
Total Cannabinoids	17.5041 %	17.85 mg	356.91 mg	N/A			N/A
Delta-9 THC	10.0790 %	10.28 mg	205.51 mg	N/A	0.4945 ug/g	1.516 ug/g	N/A
Total THC	10.0790 %	10.28 mg	205.51 mg	N/A			N/A
Delta-9 THCV	5.5036 %	5.61 mg	112.22 mg	N/A	0.269941 ug/g	0.403267 ug/g	N/A
Total THCV	5.5036 %	5.61 mg	112.22 mg	N/A			N/A
CBG	1.6625 %	1.69 mg	33.90 mg	N/A	0.2073 ug/g	0.8539 ug/g	N/A
CBD	0.0909 %	0.09 mg	1.85 mg	N/A	0.6432 ug/g	5.401 ug/g	N/A
Total CBD	0.0909 %	0.09 mg	1.85 mg	N/A			N/A
CBC	0.0874 %	0.09 mg	1.78 mg	N/A	0.4372 ug/g	4.843 ug/g	N/A
CBN	0.0807 %	0.08 mg	1.64 mg	N/A	0.3561 ug/g	4.3163 ug/g	N/A
CBDA	ND	ND	ND	N/A	0.0886 ug/g	0.2949 ug/g	N/A
CBDV	ND	ND	ND	N/A	0.0919 ug/g	0.4418 ug/g	N/A
CBGA	ND	ND	ND	N/A	0.4596 ug/g	4.8149 ug/g	N/A
Delta-8 THC	ND	ND	ND	N/A	0.4043 ug/g	4.5669 ug/g	N/A
Delta-8 THCV	ND	ND	ND	N/A	0.050425 ug/g	0.339339 ug/g	N/A
THCA	ND	ND	ND	N/A	0.4497 ug/g	4.9472 ug/g	N/A

**LAB-TM-005 - DETERMINATION OF HEAVY METALS IN CANNABIS AND CANNABIS-INFUSED PRODUCTS BY ICP-MS**  
 MET-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	N/A	0.1985 ug/kg	0.6616 ug/kg	N/A
Cadmium	ND	N/A	0.0817 ug/kg	0.2724 ug/kg	N/A
Chromium	0.196 ug/g	N/A	0.6272 ug/kg	2.0907 ug/kg	N/A
Copper	0.084 ug/g	N/A	0.1546 ug/kg	0.5152 ug/kg	N/A
Lead	0.012 ug/g	N/A	0.2817 ug/kg	0.2817 ug/kg	N/A
Mercury	0.002 ug/g	N/A	0.0171 ug/kg	0.0571 ug/kg	N/A
Nickel	0.157 ug/g	N/A	0.3213 ug/kg	1.0709 ug/kg	N/A



**LAB-TM-004 - DETERMINATION OF RESIDUAL SOLVENTS OF CANNABIS PRODUCTS**  
 SOL-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	N/A	0.4 ug/g	1.34 ug/g	N/A
2-Methylbutane	ND	N/A	1.54 ug/g	5.14 ug/g	N/A
2-Methylpentane	ND	N/A	0.0462 ug/g	0.154 ug/g	N/A
2,2-Dimethylbutane	ND	N/A	0.98 ug/g	3.27 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	2.19 ug/g	7.32 ug/g	N/A
3-Methylpentane	ND	N/A	0.73 ug/g	2.44 ug/g	N/A
Acetone	ND	N/A	1.57 ug/g	5.23 ug/g	N/A
Acetonitrile	ND	N/A	1.85 ug/g	6.17 ug/g	N/A
Benzene	ND	N/A	0.18 ug/g	0.59 ug/g	N/A
Butane	ND	N/A	1.68 ug/g	5.59 ug/g	N/A
Butanes (Sum of Butane and Isobutane)	ND	N/A			N/A
Chloroform	ND	N/A	0.78 ug/g	2.59 ug/g	N/A
Ethanol	ND	N/A	6.02 ug/g	20.1 ug/g	N/A
Ethyl Acetate	ND	N/A	1.95 ug/g	6.49 ug/g	N/A
Ethyl Ether	ND	N/A	1.37 ug/g	4.55 ug/g	N/A
Ethylene Oxide	ND	N/A	0.15 ug/g	0.49 ug/g	N/A
Heptane	ND	N/A	1.31 ug/g	4.37 ug/g	N/A
Hexane	ND	N/A	1.42 ug/g	4.74 ug/g	N/A
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	ND	N/A			N/A
Isobutane	ND	N/A	1.6 ug/g	5.34 ug/g	N/A
Isopropyl Alcohol	ND	N/A	4.9 ug/g	16.3 ug/g	N/A
Methanol	ND	N/A	7.89 ug/g	26.4 ug/g	N/A
Methylene Chloride	ND	N/A	1.36 ug/g	4.53 ug/g	N/A
Neopentane	ND	N/A	1.49 ug/g	4.97 ug/g	N/A
Pentane	ND	N/A	1.46 ug/g	4.87 ug/g	N/A
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	ND	N/A			N/A
Propane	ND	N/A	1.95 ug/g	6.51 ug/g	N/A
Toluene	ND	N/A	1.88 ug/g	6.26 ug/g	N/A
Total Xylenes	ND	N/A	2.02 ug/g	6.72 ug/g	N/A
Trichloroethylene	ND	N/A	0.29 ug/g	0.96 ug/g	N/A



**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR**  
 ASP-CAN-240212-135-01 - MON, FEB 12, 2024



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

**LAB-TM-026 - ENUMERATION OF TOTAL COLIFORMS ON 3M CC PLATES**  
 COL-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Coliforms	0 CFU/g	N/A			N/A

**LAB-TM-003 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY GC**  
 PGC-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Chlorfenapyr	ND	N/A	6.110 ug/kg	20.400 ug/kg	N/A
Methyl Parathion	ND	N/A	3.120 ug/kg	10.500 ug/kg	N/A



## LAB-TM-002 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY

LC-TQ

PLC-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Abamectin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Acephate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Acequinocyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Acetamiprid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Aldicarb	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Azoxystrobin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Bifenazate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Bifenthrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Boscalid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Carbaryl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Carbofuran	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Chlorantraniliprole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Chlorpyrifos	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Clofentezine	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Cyfluthrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Cypermethrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Daminozide	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Diazinon	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Dichlorvos	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Dimethoate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Ethoprophos	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Etofenprox	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Etoxazole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fenoxycarb	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fenpyroximate	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fipronil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Flonicamid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Fludioxonil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Hexythiazox	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Imazalil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Imidacloprid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Kresoxim Methyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Malathion	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Metalaxyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Methiocarb	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Methomyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
MGK-264	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Myclobutanil	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Naled	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Oxamyl	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Paclobutrazol	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	N/A	0.05 ug/g	0.10 ug/g	N/A



LAB-TM-002 - DETERMINATION OF CHEMICAL RESIDUE OF CANNABIS AND CANNABIS INFUSED PRODUCTS BY

LC-TQ

PLC-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Phosmet	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Prallethrin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Propiconazole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Propoxur	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins Cinerin 1	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins Jasmolin 1	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyrethrins Pyrethrin 1	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Pyridaben	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spinosad	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spinosad A	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spinosad D	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spiromesifen	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spirotetramat	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spiroxamine	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Tebuconazole	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Thiacloprid	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Thiamethoxam	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Trifloxystrobin	ND	N/A	0.05 ug/g	0.10 ug/g	N/A



**LAB-TM-007 - FOREIGN MATTER AND FILTH ANALYSIS**  
 FOR-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Inorganic Matter	0.0 %	Detection	N/A	N/A	PASS
Organic Matter	0.0 %	2 %	N/A	N/A	PASS
Stems	0.0 %	5 %	N/A	N/A	PASS
Total Foreign Matter	ND	N/A	N/A	N/A	N/A

**LAB-TM-015 - ENUMERATION OF TOTAL YEAST AND MOLD ON 3M RYM PLATES**  
 TYM-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	0 CFU/g	N/A	<10 CFU/g	<10 CFU/g	N/A

**LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR**  
 SS-CAN-240212-135-01 - MON, FEB 12, 2024



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

**HOMGENEITY OF CANNABINOIDS BY HPLC-DAD**  
 CNHOM-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Delta-9 THC - RSD	5.149 %	N/A			N/A

**LAB-TM-009 - DETERMINATION OF WATER ACTIVITY**  
 AWA-CAN-240212-135-01 - MON, FEB 12, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Water Activity	0.199 aw	N/A			N/A



