

CERTIFICATE OF ANALYSIS

SAMPLE NAME: M00002873830: SPARQ-1G CART-CHERRY PIE

SAMPLE CODE: CNM-241112-002

CLIENT: LC SQUARE LLC | MP282013

BATCH RESULT: PASS



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SOURCE PACKAGE:
1A40A03000093A9000048236
TEST PACKAGE:
1A40A03000093A9000048238
MATRIX NAME: Vape Product - Solvent Based
SAMPLE TYPE: Compliance
RECEIVED DATE: Tue, Nov 12, 2024
PUBLISHED DATE: Fri, Nov 15, 2024
BATCH/LOT CODE: SQ-C1-233-CP
BATCH SIZE: N/A
SAMPLE SIZE: 8U

DELTA-9 THC	79.2735 %
TOTAL CANNABINOIDS	83.3431 %
TOTAL THC	79.2735 %
TOTAL CBD	0.1614 %
TOTAL TERPENES	5.944 %



CMPOT Cannabinoids Potency	CMTRP Terpenes	CMBTG Bile Tolerant Gram Negative Bacteria Plate	CMCOL Total Coliforms Plate	CMMET Heavy Metals
CMMYC Mycotoxins MA	CMSOL Residual Solvents MA	CMSST Salmonella & STEC qPCR	CMTAM Total Aerobic Bacteria Plate	CMTYM Total Yeast & Mold qCPR
CMVTE Vitamin E Acetate				

Leslie Varela

RESULTS REVIEWED BY: Leslie Varela
Laboratory Director
Cambium Analytica
Friday, Nov 15, 2024

Douglas Smith

RESULTS CERTIFIED BY: Douglas Smith
VP - Scientific Operations
Cambium Analytica
Friday, Nov 15, 2024

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ANALYTE	VALUE	VALUE (MG/G)	ACTION LIMIT	LOD	LOQ	STATUS
Delta-9 THC	79.2735 %	792.7351 mg/g	N/A	0.4945 ug/g	1.516 ug/g	N/A
CBG	3.3496 %	33.4961 mg/g	N/A	0.2073 ug/g	0.571 ug/g	N/A
CBN	0.3306 %	3.3058 mg/g	N/A	0.3561 ug/g	4.3163 ug/g	N/A
Delta-9 THCV	0.2280 %	2.2800 mg/g	N/A	0.2699 ug/g	0.4033 ug/g	N/A
CBD	0.1614 %	1.6136 mg/g	N/A	0.6432 ug/g	5.401 ug/g	N/A
CBC	ND	N/A	N/A	0.4372 ug/g	4.843 ug/g	N/A
CBCA	ND	N/A	N/A	0.4851 ug/g	0.9612 ug/g	N/A
CBDA	ND	N/A	N/A	0.0886 ug/g	0.2949 ug/g	N/A
CBDV	ND	N/A	N/A	0.0919 ug/g	0.4418 ug/g	N/A
CBDVA	ND	N/A	N/A	0.1188 ug/g	0.2434 ug/g	N/A
CBGA	ND	N/A	N/A	0.46 ug/g	4.81 ug/g	N/A
Delta-8 THC	ND	N/A	N/A	0.4043 ug/g	4.5669 ug/g	N/A
Delta-8 THCV	ND	N/A	N/A	0.0504 ug/g	0.3393 ug/g	N/A
THCA	ND	N/A	N/A	0.4497 ug/g	4.9472 ug/g	N/A
THCVA	ND	N/A	N/A	0.1181 ug/g	0.2434 ug/g	N/A
Total Cannabinoids*	83.3431 %	833.4307 mg/g	N/A			N/A
Total THC*	79.2735 %	792.7351 mg/g	N/A			N/A
Total CBD*	0.1614 %	1.6136 mg/g	N/A			N/A





ANALYTE	VALUE	VALUE (MG/G)	ACTION LIMIT	LOD	LOQ	STATUS
Beta Myrcene	1.962 %	19.623 mg/g	N/A	0.280 ug/g	0.934 ug/g	N/A
Alpha Pinene	0.644 %	6.442 mg/g	N/A	0.464 ug/g	1.546 ug/g	N/A
Trans Beta Ocimene	0.640 %	6.403 mg/g	N/A	0.378 ug/g	1.261 ug/g	N/A
Trans Caryophyllene	0.598 %	5.982 mg/g	N/A	0.280 ug/g	0.933 ug/g	N/A
Alpha Bisabolol	0.264 %	2.636 mg/g	N/A	0.323 ug/g	1.076 ug/g	N/A
Limonene	0.245 %	2.452 mg/g	N/A	0.257 ug/g	0.857 ug/g	N/A
Trans Nerolidol	0.239 %	2.390 mg/g	N/A	0.254 ug/g	0.847 ug/g	N/A
Linalool	0.217 %	2.169 mg/g	N/A	0.228 ug/g	0.761 ug/g	N/A
Caryophyllene Oxide	0.199 %	1.991 mg/g	N/A	0.261 ug/g	0.870 ug/g	N/A
Alpha Humulene	0.181 %	1.809 mg/g	N/A	0.409 ug/g	1.363 ug/g	N/A
Beta Pinene	0.146 %	1.461 mg/g	N/A	0.305 ug/g	1.017 ug/g	N/A
Cedrol	0.118 %	1.180 mg/g	N/A	0.369 ug/g	1.231 ug/g	N/A
Alpha Phellandrene	0.069 %	0.688 mg/g	N/A	0.382 ug/g	1.274 ug/g	N/A
Fenchol	0.057 %	0.571 mg/g	N/A	0.288 ug/g	0.960 ug/g	N/A
Geranyl Acetate	0.054 %	0.543 mg/g	N/A	0.286 ug/g	0.952 ug/g	N/A
Geraniol	0.053 %	0.525 mg/g	N/A	0.190 ug/g	0.632 ug/g	N/A
Terpinolene	0.044 %	0.443 mg/g	N/A	0.309 ug/g	1.030 ug/g	N/A
Valencene	0.044 %	0.441 mg/g	N/A	0.335 ug/g	1.117 ug/g	N/A
Alpha Terpineol	0.042 %	0.421 mg/g	N/A	0.278 ug/g	0.925 ug/g	N/A
Nerol	0.037 %	0.374 mg/g	N/A	0.188 ug/g	0.628 ug/g	N/A
Borneol	0.032 %	0.321 mg/g	N/A	0.281 ug/g	0.938 ug/g	N/A
Isoborneol	0.027 %	0.272 mg/g	N/A	0.659 ug/g	2.197 ug/g	N/A
Camphene	0.016 %	0.161 mg/g	N/A	0.376 ug/g	1.252 ug/g	N/A
Alpha Terpinene	0.007 %	0.074 mg/g	N/A	0.306 ug/g	1.022 ug/g	N/A
Gamma Terpinene	0.007 %	0.067 mg/g	N/A	0.306 ug/g	1.019 ug/g	N/A
Alpha Cedrene	ND	N/A	N/A	0.372 ug/g	1.239 ug/g	N/A
Camphor	ND	N/A	N/A	0.327 ug/g	1.090 ug/g	N/A
Cis Beta Ocimene	ND	N/A	N/A	0.263 ug/g	0.878 ug/g	N/A
Cis Nerolidol	ND	N/A	N/A	0.307 ug/g	1.024 ug/g	N/A
Delta-3 Carene	ND	N/A	N/A	0.341 ug/g	1.138 ug/g	N/A
Eucalyptol	ND	N/A	N/A	0.375 ug/g	1.251 ug/g	N/A
Fenchone	ND	N/A	N/A	0.345 ug/g	1.151 ug/g	N/A
Guaiol	ND	N/A	N/A	0.344 ug/g	1.146 ug/g	N/A
Isopulegol	ND	N/A	N/A	0.250 ug/g	0.834 ug/g	N/A
Menthol	ND	N/A	N/A	0.307 ug/g	1.025 ug/g	N/A





ANALYTE	VALUE	VALUE (MG/G)	ACTION LIMIT	LOD	LOQ	STATUS
Pulegone	ND	N/A	N/A	0.243 ug/g	0.809 ug/g	N/A
Sabinene	ND	N/A	N/A	0.300 ug/g	1.000 ug/g	N/A
Sabinene Hydrate	ND	N/A	N/A	0.225 ug/g	0.750 ug/g	N/A
Total Terpenes	5.944 %	59.440 mg/g	N/A	N/A	N/A	N/A



CMBTG

BILE TOLERANT GRAM NEGATIVE BACTERIA - PLATE

MA-LAB-TM-015 - MICROBIAL ENUMERATION BY 3M PETRIFILM PLATING [MA]
CMBTG-CNM-241112-002-01 - MON, NOV 18, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Bile Tolerant Gram Negative Bacteria	ND	100 CFU/g	N/A	N/A	PASS

CMCOL

TOTAL COLIFORMS - PLATE

MA-LAB-TM-015 - MICROBIAL ENUMERATION BY 3M PETRIFILM PLATING [MA]
CMCOL-CNM-241112-002-01 - MON, NOV 18, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Coliforms	ND	1000 CFU/g	N/A	N/A	PASS

CMMET

HEAVY METALS

MA-LAB-TM-005 - DETERMINATION OF HEAVY METALS IN CANNABIS AND CANNABIS-INFUSED PRODUCTS BY ICP-MS
CMMET-CNM-241112-002-01 - MON, NOV 18, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Arsenic	ND	0.2 ug/g	0.25 ug/kg	0.5 ug/kg	PASS
Cadmium	ND	0.2 ug/g	0.25 ug/kg	0.5 ug/kg	PASS
Lead	0.001 ug/g	0.5 ug/g	0.25 ug/kg	0.5 ug/kg	PASS
Mercury	ND	0.1 ug/g	0.025 ug/kg	0.05 ug/kg	PASS

CMMYC

MYCOTOXINS - MA

MA-LAB-TM-008 - DETERMINATION OF PESTICIDES AND MYCOTOXINS IN CANNABIS AND CANNABIS INFUSED PRODUCTS BY LC-TQ
CMMYC-CNM-241112-002-01 - MON, NOV 18, 2024

ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Aflatoxin B1	ND	N/A	0.005 ug/kg	0.05 ug/kg	N/A
Aflatoxin B2	ND	N/A	0.005 ug/kg	0.05 ug/kg	N/A
Aflatoxin G1	ND	N/A	0.005 ug/kg	0.05 ug/kg	N/A
Aflatoxin G2	ND	N/A	0.005 ug/kg	0.05 ug/kg	N/A
Ochratoxin A	ND	20.00 ug/kg	0.001 ug/kg	0.05 ug/kg	PASS
Aflatoxins (Sum of B1, B2, G1, and G2)	ND	20.00 ug/kg			PASS





ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
1,2-Dichloroethane	ND	N/A	0.061 ug/g	0.204 ug/g	N/A
2-Methylbutane	ND	N/A	0.040 ug/g	0.135 ug/g	N/A
2-Methylpentane	ND	N/A	0.046 ug/g	0.154 ug/g	N/A
2,2-Dimethylbutane	ND	N/A	0.100 ug/g	0.335 ug/g	N/A
2,3-Dimethylbutane	ND	N/A	0.088 ug/g	0.293 ug/g	N/A
3-Methylpentane	ND	N/A	0.058 ug/g	0.195 ug/g	N/A
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	N/A	0.039 ug/g	0.131 ug/g	N/A
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
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	12 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	N/A	0.062 ug/g	0.205 ug/g	N/A
Neopentane	ND	N/A	0.061 ug/g	0.202 ug/g	N/A
Pentane	ND	5000 ug/g	1.46 ug/g	4.87 ug/g	PASS
Propane	ND	12 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	N/A	0.025 ug/g	0.084 ug/g	N/A
Butanes (Sum of Butane and Isobutane)	0 ug/g	12 ug/g	N/A	N/A	PASS
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	0 ug/g	N/A	N/A	N/A	N/A
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	0 ug/g	N/A	N/A	N/A	N/A



CMSST

SALMONELLA & STEC - QPCR

LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR [MA]

CMSST-CNM-241112-002-01 - MON, NOV 18, 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

CMTAM

TOTAL AEROBIC BACTERIA - PLATE

MA-LAB-TM-015 - MICROBIAL ENUMERATION BY 3M PETRIFILM PLATING [MA]

CMTAM-CNM-241112-002-01 - MON, NOV 18, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Aerobic Count	ND	10000 CFU/g	N/A	N/A	PASS

CMTYM

TOTAL YEAST & MOLD - QCPR

MA-LAB-TM-006 - MICROBIAL ANALYSIS BY QPCR [MA]

CMTYM-CNM-241112-002-01 - MON, NOV 18, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Total Yeast and Mold	ND	1000 CFU/g	N/A	N/A	PASS

CMVTE

VITAMIN E ACETATE

LAB-TM-011 - DETERMINATION OF VITAMIN E ACETATE

CMVTE-CNM-241112-002-01 - MON, NOV 18, 2024



ANALYTE	VALUE	ACTION LIMIT	LOD	LOQ	STATUS
Vitamin E Acetate	0 ug/g	1 ug/g			PASS

