Bluebonnet Labs Certificate of Analysis

2567 Valley View Ln, Dallas, TX 75234, United States | TX Registration #: TL2020031

DEA #: RP0607436 | ISO/IEC 17025:2017 Certificate #: 6400.01



Sample KN1268

Sample ID:	BBL_3718	Matrix:	Edible	Analyses Executed:	CAN
Company:	Alpine Dispensary	Batch ID:	KN1268	Reported:	29 Dec, 2022
Phone:		Received:	19 Dec, 2022		
Address:	8160 S Main St, Helen, GA 30545		- O		
Email:	orders@alpinedispensary.com		W .		

Lab Notes: Results reported for sample as received. Result '0' implies detection less than LOQ.

Cannabinoid Profile Analysis

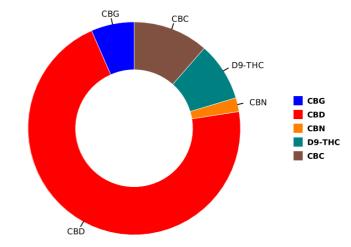
Analyzed 22 Dec, 2022 | Instrument HPLC-PDA | Method TM-101 Uncertainty Measurement at 95% confidence level is 10%, k=2

Cannabidivarin (CBDV) 0.050 0.150 ND ND ND ND Cannabidiolic acid (CBDa) 0.040 0.110 ND ND ND ND ND Cannabigerolic acid (CBGa) 0.040 0.120 ND ND ND ND ND Cannabigerol (CBG) 0.080 0.230 0.0314 0.314 33.582 2.23 Cannabidiol (CBD) 0.060 0.190 0.3387 3.387 362.233 24.14 Tetrahydrocannabivarin (THCV) 0.080 0.240 ND ND ND ND Tetrahydrocannabivarinic acid (THCVa) 0.050 0.160 ND ND ND ND Cannabinol (CBN) 0.040 0.120 0.01 0.1 10.695 0.71 Cannabinolic acid (CBNa) 0.080 0.250 ND ND ND ND D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinolic acid (THCa) 0.1	Analyte	LOD (ppm)	LOQ (ppm)	Result %	Result (mg/g)	mg/pack	mg/unit
Cannabidiolic acid (CBDa) 0.040 0.110 ND ND ND ND ND Cannabigerolic acid (CBGa) 0.040 0.120 ND ND ND ND ND Cannabigerol (CBG) 0.080 0.230 0.0314 0.314 33.582 2.23 Cannabidiol (CBD) 0.060 0.190 0.3387 3.387 362.233 24.14 Tetrahydrocannabivarin (THCV) 0.080 0.240 ND ND ND ND ND Tetrahydrocannabivarinic acid (THCVa) 0.050 0.160 ND ND ND ND ND Cannabinol (CBN) 0.040 0.120 0.01 0.1 10.695 0.71 Cannabinolic acid (CBNa) 0.080 0.250 ND ND ND ND D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND ND ND ND Cannabicol (CBL) 0.210 0.640 <loq (cbc)="" (cbca)="" (cbda="" (thca="" *="" +="" 0.042="" 0.0548="" 0.090="" 0.280="" 0.339="" 0.350="" 0.548="" 0.877="" 1.060="" 3.387<="" 3.90="" 58.608="" <loq="" acid="" cannabichromenic="" cannabicorrene="" cbd="" cbd)="" nd="" td="" thc="" thc)="" total=""><td>Cannabidivarinic acid (CBDVa)</td><td>0.030</td><td>0.080</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></loq>	Cannabidivarinic acid (CBDVa)	0.030	0.080	ND	ND	ND	ND
Cannabigerolic acid (CBGa) 0.040 0.120 ND ND ND ND Cannabigerol (CBG) 0.080 0.230 0.0314 0.314 33.582 2.23 Cannabidiol (CBD) 0.060 0.190 0.3387 3.387 362.233 24.14 Tetrahydrocannabivarin (THCV) 0.080 0.240 ND ND ND ND Tetrahydrocannabivarinic acid (THCVa) 0.050 0.160 ND ND ND ND Cannabinol (CBN) 0.040 0.120 0.01 0.1 10.695 0.71 Cannabinolic acid (CBNa) 0.080 0.250 ND ND ND ND D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND ND ND ND Cannabicyclol (CBL) 0.210 0.640 <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> D9-Tetrahydrocannabinolic acid (THCa) 0.130 0.400<!--</td--><td>Cannabidivarin (CBDV)</td><td>0.050</td><td>0.150</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></loq<></loq<></loq<></loq<>	Cannabidivarin (CBDV)	0.050	0.150	ND	ND	ND	ND
Cannabigerol (CBG) 0.080 0.230 0.0314 0.314 33.582 2.23 Cannabidiol (CBD) 0.060 0.190 0.3387 3.387 362.233 24.14 Tetrahydrocannabivarin (THCV) 0.080 0.240 ND ND ND ND Tetrahydrocannabivarinic acid (THCVa) 0.050 0.160 ND N	Cannabidiolic acid (CBDa)	0.040	0.110	ND	ND	ND	ND
Cannabidiol (CBD) 0.060 0.190 0.3387 3.387 362.233 24.14 Tetrahydrocannabivarin (THCV) 0.080 0.240 ND ND ND ND Tetrahydrocannabivarinic acid (THCVa) 0.050 0.160 ND ND ND ND Cannabinol (CBN) 0.040 0.120 0.01 0.1 10.695 0.71 Cannabinolic acid (CBNa) 0.080 0.250 ND ND ND ND D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND ND ND ND Cannabicyclol (CBL) 0.210 0.640 <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> <loq< td=""> D9-Tetrahydrocannabinolic acid (THCa) 0.130 0.400 ND ND ND ND ND Cannabichromene (CBC) 0.090 0.280 0.0548 0.548 58.608 3.90 Cannabichromene (CBC)</loq<></loq<></loq<></loq<></loq<>	Cannabigerolic acid (CBGa)	0.040	0.120	ND	ND	ND	ND
Tetrahydrocannabivarin (THCV) 0.080 0.240 ND	Cannabigerol (CBG)	0.080	0.230	0.0314	0.314	33.582	2.239
Tetrahydrocannabivarinic acid (THCVa) 0.050 0.160 ND ND ND ND Cannabinol (CBN) 0.040 0.120 0.01 0.1 10.695 0.71 Cannabinolic acid (CBNa) 0.080 0.250 ND ND ND ND D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND ND ND ND Cannabicyclol (CBL) 0.210 0.640 < LoQ	Cannabidiol (CBD)	0.060	0.190	0.3387	3.387	362.233	24.149
Cannabinol (CBN) 0.040 0.120 0.01 0.1 10.695 0.71 Cannabinolic acid (CBNa) 0.080 0.250 ND ND ND ND ND D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND ND ND ND ND ND Cannabicyclol (CBL) 0.210 0.640 <loq <loq="" <loq<="" td=""><td>Tetrahydrocannabivarin (THCV)</td><td>0.080</td><td>0.240</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></loq>	Tetrahydrocannabivarin (THCV)	0.080	0.240	ND	ND	ND	ND
Cannabinolic acid (CBNa) 0.080 0.250 ND ND ND ND D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND ND ND ND Cannabicyclol (CBL) 0.210 0.640 <loq< td=""> <loq< td="" td<=""><td>Tetrahydrocannabivarinic acid (THCVa)</td><td>0.050</td><td>0.160</td><td>ND</td><td>ND</td><td>ND</td><td>ND</td></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Tetrahydrocannabivarinic acid (THCVa)	0.050	0.160	ND	ND	ND	ND
D9-Tetrahydrocannabinol (D9-THC) 0.120 0.360 0.0424 0.424 45.346 3.02 D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND ND ND ND Cannabicyclol (CBL) 0.210 0.640 <loq< td=""> <</loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	Cannabinol (CBN)	0.040	0.120	0.01	0.1	10.695	0.713
D8-Tetrahydrocannabinol (D8-THC) 0.140 0.430 ND	Cannabinolic acid (CBNa)	0.080	0.250	ND	ND	ND	ND
Cannabicyclol (CBL) 0.210 0.640 <loq< th=""> <loq< td=""><td>D9-Tetrahydrocannabinol (D9-THC)</td><td>0.120</td><td>0.360</td><td>0.0424</td><td>0.424</td><td>45.346</td><td>3.023</td></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<></loq<>	D9-Tetrahydrocannabinol (D9-THC)	0.120	0.360	0.0424	0.424	45.346	3.023
D9-Tetrahydrocannabinolic acid (THCa) 0.130 0.400 ND ND ND ND Cannabichromene (CBC) 0.090 0.280 0.0548 0.548 58.608 3.90 Cannabichromenic acid (CBCa) 0.350 1.060 ND ND ND ND Total THC (THCa * 0.877 + THC) 0.042 0.042 0.042 Total CBD (CBDa * 0.877 + CBD) 0.339 3.387	D8-Tetrahydrocannabinol (D8-THC)	0.140	0.430	ND	ND	ND	ND
Cannabichromene (CBC) 0.090 0.280 0.0548 0.548 58.608 3.90 Cannabichromenic acid (CBCa) 0.350 1.060 ND ND ND ND ND Total THC (THCa * 0.877 + THC) 0.042 0.042 Total CBD (CBDa * 0.877 + CBD) 0.339 3.387	Cannabicyclol (CBL)	0.210	0.640	<loq< td=""><td><loq< td=""><td><loq< td=""><td><loq< td=""></loq<></td></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""><td><loq< td=""></loq<></td></loq<></td></loq<>	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>
Cannabichromenic acid (CBCa) 0.350 1.060 ND ND ND ND Total THC (THCa * 0.877 + THC) 0.042 0.042 Total CBD (CBDa * 0.877 + CBD) 0.339 3.387	D9-Tetrahydrocannabinolic acid (THCa)	0.130	0.400	ND	ND	ND	ND
Total THC (THCa * 0.877 + THC) 0.042 0.042 Total CBD (CBDa * 0.877 + CBD) 0.339 3.387	Cannabichromene (CBC)	0.090	0.280	0.0548	0.548	58.608	3.907
Total CBD (CBDa * 0.877 + CBD) 0.339 3.387	Cannabichromenic acid (CBCa)	0.350	1.060	ND	ND	ND	ND
	Total THC (THCa * 0.877 + THC)			0.042	0.042		
	Total CBD (CBDa * 0.877 + CBD)			0.339	3.387		
Total CBG (CBGa * 0.877 + CBG) 0.031 0.314	Total CBG (CBGa * 0.877 + CBG)			0.031	0.314		
Total Cannabinoids 0.477 4.773 510.464 34.03	Total Cannabinoids			0.477	4.773	510.464	34.031

Total weight: 106.9480 g, Unit weight: 7.1299 g

Sample Photography





NR Not Reportable
ND Not Detected
N/A Not Applicable
NT Not Tested
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected
>ULOL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count





Dr. Archana R. Parameswar Laboratory Director 29 Dec, 2022 02:41:57 PM