

Hemp Proficiency Testing

All Labs Trueness

HM24SEP-1 (hemp)



Sample: HM24SEP-1 (hemp)

All Labs Trueness

Issue Date: November 11, 2024

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.30	Other LC-MS	122	<0.5000	<0.5000	<0.5000	<0.5000					1
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.0750	0.0760	0.0750	0.0753	-3.77	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1313	0.1219	0.1202	0.124	-1.74	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1360	0.1316	0.1234	0.13	-1.49	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.1415	0.1319	0.1374	0.137	-1.22	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.1420	0.1370	0.1380	0.139	-1.14	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.1460	0.1450	0.1410	0.144	-0.93	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.1500	0.1400	0.1500	0.147	-0.82	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.1523	0.1551	0.1507	0.153	-0.57	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1590	0.1440	0.1660	0.156	-0.42	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1521	0.1608	0.1551	0.156	-0.43	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.1610	0.1630	0.1530	0.159	-0.31	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.1570	0.1550	0.1650	0.159	-0.31	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1538	0.1600	0.1624	0.159	-0.32	0.1664	33	0.0241	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1602	0.1581	0.1634	0.161	-0.24	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1634	0.1588	0.1606	0.161	-0.23	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1585	0.1656	0.1654	0.163	-0.13	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.1740	0.1730	0.1440	0.164	-0.11	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.1675	0.1594	0.1640	0.164	-0.11	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1619	0.1682	0.1676	0.166	-0.02	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1707	0.1798	0.1758	0.175	0.37	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.99	Other	183	0.1737	0.1763	0.1736	0.175	0.34	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.1740	0.1740	0.1790	0.176	0.38	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.1900	0.1790	0.1610	0.177	0.43	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.1793	0.1785	0.1807	0.179	0.54	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1540	0.1543	0.2320	0.18	0.57	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.1852	0.1842	0.1837	0.184	0.74	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.1830	0.1845	0.1845	0.184	0.73	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1844	0.1869	0.1844	0.185	0.78	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1777	0.1914	0.1959	0.188	0.91	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1632	0.1745	0.2728	0.204	1.54	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2111	0.2273	0.2017	0.213	1.95	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2167	0.2138	0.2166	0.216	2.04	0.1664	33	0.0241	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	228	0.2421	0.2511	0.2444	0.246	3.29	0.1664	33	0.0241	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Δ9-THCA (%AR)									
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0500	<0.0480	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0503	<0.0526	<0.0508	<0.0503					1
Δ9-THCA (%AR)	002.10	Other LC-UV	173	<0.1590	<0.1500	<0.1580	<0.1590					1
Δ9-THCA (%AR)	002.30	Other LC-MS	122	<0.5000	<0.5000	<0.5000	<0.5000					1
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0106	0.0104	0.0100	0.0103	-3.95	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0260	0.0270	0.0280	0.027	-2.17	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0379	0.0323	0.0221	0.0308	-1.76	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0340	0.0350	0.0362	0.0351	-1.3	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.0380	0.0370	0.0350	0.0367	-1.13	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.0400	0.0400	0.0400	0.04	-0.77	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0419	0.0437	0.0412	0.0423	-0.53	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0403	0.0442	0.0427	0.0424	-0.52	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0451	0.0437	0.0443	0.0444	-0.31	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0480	0.0465	0.0440	0.0462	-0.11	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0444	0.0468	0.0464	0.0459	-0.15	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.0490	0.0410	0.0470	0.0457	-0.17	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0492	0.0443	0.0464	0.0466	-0.06	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0478	0.0483	0.0511	0.0491	0.2	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0481	0.0492	0.0487	0.0487	0.15	0.0472	27	0.0093	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0628	0.0465	0.0376	0.049	0.19	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0469	0.0507	0.0563	0.0513	0.44	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0548	0.0485	0.0509	0.0514	0.45	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.0528	0.0481	0.0530	0.0513	0.44	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0591	0.0436	0.0522	0.0516	0.47	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.99	Other	183	0.0530	0.0540	0.0529	0.0533	0.65	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.0560	0.0530	0.0510	0.0533	0.65	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.0571	0.0518	0.0531	0.054	0.73	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0586	0.0572	0.0568	0.0575	1.1	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0512	0.0508	0.0701	0.0574	1.09	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0580	0.0543	0.0910	0.0678	2.2	0.0472	27	0.0093	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.2353	0.2187	0.2368	0.23	19.62	0.0472	27	0.0093	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	149	3.2590	3.4340	3.4920	3.39	-2.49	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	173	3.7660	3.7060	3.6000	3.69	-1.72	4.3574	25	0.387	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	3.7932	3.6942	3.6719	3.72	-1.65	4.3574	25	0.387	0
CBD (%AR)	003.30	Other LC-MS	149	4.0020	3.8330	3.8340	3.89	-1.21	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	155	3.9200	3.8600	3.9800	3.92	-1.13	4.3574	25	0.387	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.2406	3.9418	3.7236	3.97	-1	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	184	4.3107	4.2130	4.0723	4.2	-0.41	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	196	4.2940	4.1306	4.3347	4.25	-0.27	4.3574	25	0.387	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	189	4.3703	4.3600	4.3665	4.37	0.02	4.3574	25	0.387	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.3237	4.3981	4.4314	4.38	0.07	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	106	4.3400	4.3200	4.4700	4.38	0.05	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	116	4.3713	4.3908	4.4512	4.4	0.12	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	183	4.5180	4.3470	4.3514	4.41	0.12	4.3574	25	0.387	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.4814	4.3578	4.4127	4.42	0.15	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	170	4.5568	4.3604	4.3377	4.42	0.16	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	141	4.2530	4.1948	4.8930	4.45	0.23	4.3574	25	0.387	0
CBD (%AR)	003.30	Other LC-MS	164	4.5093	4.5215	4.5655	4.53	0.45	4.3574	25	0.387	0
CBD (%AR)	003.99	Other	183	4.5903	4.5662	4.4530	4.54	0.46	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	197	4.4643	4.6063	4.6264	4.57	0.54	4.3574	25	0.387	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.5375	4.5825	4.5845	4.57	0.54	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	163	4.6700	4.6140	4.6320	4.64	0.73	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	213	4.6830	4.7560	4.6530	4.7	0.88	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	144	4.5317	4.9023	4.7898	4.74	0.99	4.3574	25	0.387	0
CBD (%AR)	003.10	Other LC-UV	192	6.1850	5.7990	6.1804	6.05	4.39	4.3574	25	0.387	0
CBD (%AR)	003.01	AOAC 2018.10	228	8.7542	8.6955	8.6509	8.7	11.22	4.3574	25	0.387	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	173	2.7120	2.6910	2.5970	2.67	-1.5	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	149	2.6810	2.7420	2.8720	2.77	-1.26	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	163	2.7910	2.7580	2.7470	2.77	-1.26	3.2881	23	0.4153	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	155	2.8800	2.8800	2.8700	2.88	-0.99	3.2881	23	0.4153	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	3.0266	2.8417	2.9901	2.95	-0.81	3.2881	23	0.4153	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	3.0659	3.0094	2.9111	3	-0.7	3.2881	23	0.4153	0
CBDA (%AR)	004.99	Other	149	2.9070	2.9900	3.1080	3	-0.69	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	189	3.2000	3.1932	3.1987	3.2	-0.22	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	116	3.2654	3.2187	3.1719	3.22	-0.17	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	196	3.2921	3.1923	3.2248	3.24	-0.12	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	213	3.2740	3.2730	3.2230	3.26	-0.08	3.2881	23	0.4153	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	3.2155	3.4319	3.2040	3.28	-0.01	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	197	3.1849	3.3895	3.3259	3.3	0.03	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	106	3.3500	3.2900	3.3000	3.31	0.06	3.2881	23	0.4153	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.3060	3.3055	3.3305	3.31	0.06	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	141	3.3360	3.2480	3.7350	3.44	0.36	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	184	3.2905	3.6403	3.5776	3.5	0.52	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	170	3.2607	3.6766	3.6880	3.54	0.61	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	144	3.5427	3.3691	3.7281	3.55	0.62	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	183	3.7252	3.7068	3.7246	3.72	1.04	3.2881	23	0.4153	0
CBDA (%AR)	004.10	Other LC-UV	192	4.0158	4.0186	4.2494	4.09	1.94	3.2881	23	0.4153	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	4.1585	4.1609	4.0927	4.14	2.04	3.2881	23	0.4153	0
CBDA (%AR)	004.30	Other LC-MS	164	4.9922	5.2989	5.3701	5.22	4.65	3.2881	23	0.4153	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBN (%AR)									
CBN (%AR)	005.10	Other LC-UV	197	<0.0503	<0.0526	<0.0508	<0.0503					1
CBN (%AR)	005.10	Other LC-UV	173	<0.1590	<0.1500	<0.1580	<0.1590					1
CBN (%AR)	005.10	Other LC-UV	192	0.0000	0.0485	0.0530	0.0338	-1.17	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	149	0.0350	0.0350	0.0350	0.035	-1.05	0.0455	19	0.01	0
CBN (%AR)	005.20	Other LC-MS	149	0.0420	0.0360	0.0330	0.037	-0.85	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	196	0.0398	0.0362	0.0390	0.0383	-0.72	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	213	0.0380	0.0400	0.0390	0.039	-0.65	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	144	0.0384	0.0376	0.0394	0.0385	-0.71	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	183	0.0401	0.0406	0.0404	0.0404	-0.52	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	106	0.0400	0.0400	0.0400	0.04	-0.55	0.0455	19	0.01	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0419	0.0399	0.0405	0.0408	-0.48	0.0455	19	0.01	0
CBN (%AR)	005.99	Other	183	0.0419	0.0400	0.0414	0.0411	-0.44	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	189	0.0450	0.0448	0.0446	0.0448	-0.07	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	141	0.0440	0.0444	0.0560	0.0481	0.26	0.0455	19	0.01	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0500	0.0500	0.0445	0.0482	0.27	0.0455	19	0.01	0
CBN (%AR)	005.30	GC-FID	116	0.0452	0.0582	0.0476	0.0503	0.49	0.0455	19	0.01	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0536	0.0572	0.0519	0.0542	0.88	0.0455	19	0.01	0
CBN (%AR)	005.10	Other LC-UV	116	0.0533	0.0571	0.0573	0.0559	1.04	0.0455	19	0.01	0
CBN (%AR)	005.30	GC-FID	138	0.0507	0.0645	0.0593	0.0582	1.27	0.0455	19	0.01	0
CBN (%AR)	005.30	GC-FID	163	0.0620	0.0580	0.0620	0.0607	1.52	0.0455	19	0.01	0
CBN (%AR)	005.30	GC-FID	192	0.0709	0.0789	0.0792	0.0763	3.09	0.0455	19	0.01	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.10	Other LC-UV	213	0.0840	0.0850	0.0840	0.0843	-3.98	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1645	0.1502	0.1396	0.151	-1.81	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1538	0.1600	0.1624	0.159	-1.58	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.1713	0.1626	0.1691	0.168	-1.29	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1773	0.1684	0.1640	0.17	-1.21	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.1740	0.1720	0.1820	0.176	-1.02	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.1790	0.1770	0.1720	0.176	-1.02	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.1920	0.1840	0.1830	0.186	-0.68	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1866	0.1877	0.1834	0.186	-0.7	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1948	0.1880	0.1953	0.193	-0.48	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2123	0.1794		0.196	-0.37	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1655	0.2232	0.2064	0.198	-0.29	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.1924	0.2050	0.1978	0.198	-0.29	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.2040	0.1990	0.1940	0.199	-0.27	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1923	0.2050	0.2033	0.2	-0.23	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2146	0.1852	0.1990	0.2	-0.25	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1986	0.2066	0.2038	0.203	-0.14	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2071	0.1978	0.2028	0.203	-0.16	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.1972	0.1997	0.2122	0.203	-0.14	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2006	0.2063	0.2040	0.204	-0.12	0.2074	38	0.0309	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2053	0.2012	0.2054	0.204	-0.11	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2049	0.2064	0.2064	0.206	-0.05	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.2200	0.2150	0.1910	0.209	0.04	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.2139	0.2187	0.2164	0.216	0.29	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.2200	0.2150	0.2180	0.218	0.33	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.99	Other	183	0.2201	0.2236	0.2199	0.221	0.45	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.50	GC-MS	170	0.1971	0.2257	0.2438	0.222	0.48	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.2391	0.2299	0.2031	0.224	0.54	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2234	0.2279	0.2250	0.225	0.58	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2274	0.2211	0.2253	0.225	0.56	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.2413	0.2186		0.23	0.73	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.2353	0.2296	0.2303	0.232	0.79	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.2050	0.2019	0.3120	0.24	1.04	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2629	0.2655	0.2475	0.259	1.66	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2681	0.2640	0.2665	0.266	1.9	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2620	0.2767	0.3002	0.28	2.34	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.3696	0.3664	0.4806	0.406	6.41	0.2074	38	0.0309	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.4540	0.4570	0.4751	0.462	8.24	0.2074	38	0.0309	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	149	5.6100	5.8380	6.0100	5.82	-1.76	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	173	6.1444	6.0660	5.8776	6.03	-1.53	7.4299	24	0.9137	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.10	Other LC-UV	155	6.4400	6.3900	6.5000	6.44	-1.08	7.4299	24	0.9137	0
Total CBD (%AR)	007.30	Other LC-MS	149	6.5520	6.4550	6.5600	6.52	-0.99	7.4299	24	0.9137	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	6.9294	6.5810	6.2766	6.6	-0.91	7.4299	24	0.9137	0
Total CBD (%AR)	007.40	GC-FID	169	6.8740	6.9100	6.8130	6.87	-0.62	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	196	7.1812	6.9303	7.1629	7.09	-0.37	7.4299	24	0.9137	0
Total CBD (%AR)	007.40	GC-FID	192	7.2623	7.2928	6.7126	7.09	-0.37	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	189	7.1767	7.1605	7.1717	7.17	-0.28	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	116	7.2350	7.2136	7.2329	7.23	-0.22	7.4299	24	0.9137	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	7.1436	7.4079	7.2412	7.26	-0.18	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	197	7.2574	7.5788	7.5432	7.46	0.03	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	141	7.1780	7.0433	8.1690	7.46	0.04	7.4299	24	0.9137	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	7.4369	7.4814	7.5053	7.47	0.05	7.4299	24	0.9137	0
Total CBD (%AR)	007.40	GC-FID	116	7.2276	7.5062	7.8069	7.51	0.09	7.4299	24	0.9137	0
Total CBD (%AR)	007.40	GC-FID	163	7.5680	7.5670	7.5160	7.55	0.13	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	183	7.7850	7.5978	7.6179	7.67	0.26	7.4299	24	0.9137	0
Total CBD (%AR)	007.40	GC-FID	170	7.2625	7.5728	8.6190	7.82	0.42	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	144	7.6394	7.8577	8.0601	7.85	0.46	7.4299	24	0.9137	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	8.1284	8.0069	8.0020	8.05	0.67	7.4299	24	0.9137	0
Total CBD (%AR)	007.40	GC-FID	138	8.6617	8.6419	8.7477	8.68	1.37	7.4299	24	0.9137	0
Total CBD (%AR)	007.50	GC-MS	170	8.3629	9.2213	8.8792	8.82	1.52	7.4299	24	0.9137	0
Total CBD (%AR)	007.30	Other LC-MS	164	8.8874	9.1687	9.2751	9.11	1.84	7.4299	24	0.9137	0
Total CBD (%AR)	007.10	Other LC-UV	192	9.7069	9.3233	9.9071	9.65	2.43	7.4299	24	0.9137	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBDV (%AR)									
CBDV (%AR)	008.99	Other	197	<0.0503	<0.0526	<0.0508	<0.0503					1
CBDV (%AR)	008.99	Other	173	<0.1590	<0.1500	<0.1580	<0.1590					1
CBDV (%AR)	008.99	Other	196	0.0209	0.0218	0.0230	0.0219	-1.15	0.0304	6	0.0074	0
CBDV (%AR)	008.99	Other	149	0.0250	0.0260	0.0300	0.027	-0.46	0.0304	6	0.0074	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.0301	0.0288	0.0287	0.0292	-0.16	0.0304	6	0.0074	0
CBDV (%AR)	008.99	Other	183	0.0306	0.0309	0.0291	0.0302	-0.02	0.0304	6	0.0074	0
CBDV (%AR)	008.99	Other	189	0.0312	0.0368	0.0296	0.0325	0.29	0.0304	6	0.0074	0
CBDV (%AR)	008.99	Other	106	0.0400	0.0500	0.0500	0.0467	2.21	0.0304	6	0.0074	0
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBDVA (%AR)	009.99	Other	197	<0.0503	<0.0526	<0.0508	<0.0503					1
CBDVA (%AR)	009.99	Other	173	<0.1590	<0.1500	<0.1580	<0.1590					1
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.0330	0.0320	0.0330	0.0327					0
CBDVA (%AR)	009.99	Other	149	0.0340	0.0340	0.0300	0.0327					0
			CBG (%AR)									
CBG (%AR)	010.99	Other	173	<0.1590	<0.1500	<0.1580	<0.1590					1
CBG (%AR)	010.99	Other	149	0.0950	0.1000	0.0980	0.0977	-1.1	0.1308	10	0.0302	0
CBG (%AR)	010.99	Other	106	0.1000	0.1000	0.1000	0.1	-1.02	0.1308	10	0.0302	0
CBG (%AR)	010.99	Other	196	0.1088	0.1016	0.1110	0.107	-0.79	0.1308	10	0.0302	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%AR)	010.99	Other	197	0.1075	0.1116	0.1137	0.111	-0.66	0.1308	10	0.0302	0
CBG (%AR)	010.99	Other	141	0.1010	0.1465	0.1600	0.136	0.17	0.1308	10	0.0302	0
CBG (%AR)	010.99	Other	183	0.1468	0.1338	0.1368	0.139	0.27	0.1308	10	0.0302	0
CBG (%AR)	010.99	Other	189	0.1394	0.1382	0.1399	0.139	0.28	0.1308	10	0.0302	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.1416	0.1365	0.1375	0.139	0.26	0.1308	10	0.0302	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.1733	0.1489	0.1694	0.164	1.09	0.1308	10	0.0302	0
CBG (%AR)	010.99	Other	155	0.2579	0.2613	0.2707	0.263	4.39	0.1308	10	0.0302	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	149	0.1100	0.1340	0.1030	0.116	-1.27	0.1498	8	0.027	0
CBGA (%AR)	011.99	Other	106	0.1200	0.1200	0.1200	0.12	-1.1	0.1498	8	0.027	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.1439	0.1485	0.1438	0.145	-0.16	0.1498	8	0.027	0
CBGA (%AR)	011.99	Other	196	0.1574	0.1447	0.1443	0.149	-0.04	0.1498	8	0.027	0
CBGA (%AR)	011.99	Other	189	0.1548	0.1538	0.1538	0.154	0.16	0.1498	8	0.027	0
CBGA (%AR)	011.99	Other	197	0.1487	0.1579	0.1574	0.155	0.18	0.1498	8	0.027	0
CBGA (%AR)	011.99	Other	173	<0.1590	0.1550	<0.1580	0.157					1
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.1799	0.1736	0.1715	0.175	0.94	0.1498	8	0.027	0
CBGA (%AR)	011.99	Other	141	0.1890	0.1655	0.1990	0.184	1.29	0.1498	8	0.027	0

THCV (%AR)

THCV (%AR)	012.02	AOAC 2018.11, U	183	<0.0020	<0.0020	<0.0020	<0.0020					1
THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
THCV (%AR)	012.99	Other	183	<0.0200	<0.0200	<0.0200	<0.0200					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
THCV (%AR)	012.99	Other	197	<0.0503	<0.0526	<0.0508	<0.0503					1
THCV (%AR)	012.99	Other	173	0.0000	0.0000	0.0000	0					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.02	AOAC 2018.11, U	183	<0.0010	<0.0010	<0.0010	<0.0010					1
Δ8-THC (%AR)	013.99	Other	183	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ8-THC (%AR)	013.99	Other	197	<0.0503	<0.0526	<0.0508	<0.0503					1
Δ8-THC (%AR)	013.99	Other	141	0.0000	0.0000	0.0000	0	-0.7	0.0629	7	0.0898	0
Δ8-THC (%AR)	013.99	Other	173	0.0000	0.0000	0.0000	0	-0.7	0.0629	7	0.0898	0
Δ8-THC (%AR)	013.99	Other	189	0.0093	0.0105	0.0087	0.0095	-0.59	0.0629	7	0.0898	0
Δ8-THC (%AR)	013.03	AOAC 2018.11, M	139	<0.0125	0.0125	0.0125	0.0125	-0.56	0.0629	7	0.0898	0
Δ8-THC (%AR)	013.99	Other	138	0.0771	0.0871	0.0795	0.0812	0.2	0.0629	7	0.0898	0
Δ8-THC (%AR)	013.99	Other	213	0.1350	0.1310	0.1520	0.139	0.85	0.0629	7	0.0898	0
Δ8-THC (%AR)	013.01	AOAC 2018.10	228	4.4951	4.5042	4.4888	4.5	49.39	0.0629	7	0.0898	0

CBC (%AR)

CBC (%AR)	014.99	Other	149	0.1730	0.1740	0.1680	0.172	-1.36	0.2039	10	0.0238	0
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%AR)	014.99	Other	173	0.1810	0.1780	0.1700	0.176	-1.16	0.2039	10	0.0238	0
CBC (%AR)	014.99	Other	106	0.1900	0.1900	0.2000	0.193	-0.44	0.2039	10	0.0238	0
CBC (%AR)	014.99	Other	197	0.1920	0.1979	0.1980	0.196	-0.33	0.2039	10	0.0238	0
CBC (%AR)	014.99	Other	196	0.1995	0.1942	0.1961	0.197	-0.31	0.2039	10	0.0238	0
CBC (%AR)	014.99	Other	155	0.1980	0.1970	0.2360	0.21	0.27	0.2039	10	0.0238	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2087	0.2115	0.2084	0.21	0.24	0.2039	10	0.0238	0
CBC (%AR)	014.99	Other	183	0.2242	0.2241	0.2189	0.222	0.78	0.2039	10	0.0238	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.2339	0.2274	0.2268	0.229	1.07	0.2039	10	0.0238	0
CBC (%AR)	014.99	Other	189	0.2317	0.2344	0.2337	0.233	1.24	0.2039	10	0.0238	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Cd (ug/g AR)	101.04	ICP-MS	164	0.1249	0.1195	0.1194	0.121	-1.23	0.1417	7	0.0166	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.1310	0.1230	0.1170	0.124	-1.09	0.1417	7	0.0166	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1354	0.1388	0.1353	0.137	-0.32	0.1417	7	0.0166	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.1610	0.1500	0.1390	0.15	0.5	0.1417	7	0.0166	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.1600	0.1500	0.1400	0.15	0.5	0.1417	7	0.0166	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1640	0.1440	0.1520	0.153	0.7	0.1417	7	0.0166	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1535	0.1644	0.1544	0.157	0.94	0.1417	7	0.0166	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
As (ug/g AR)	102.04	ICP-MS	197	0.1709	0.1432	0.1309	0.148	-0.93	0.1599	7	0.0124	0
As (ug/g AR)	102.04	ICP-MS	196	0.1440	0.1630	0.1380	0.148	-0.93	0.1599	7	0.0124	0
As (ug/g AR)	102.04	ICP-MS	164	0.1593	0.1595	0.1422	0.154	-0.5	0.1599	7	0.0124	0
As (ug/g AR)	102.04	ICP-MS	102	0.1594	0.1564	0.1630	0.16	-0.02	0.1599	7	0.0124	0
As (ug/g AR)	102.04	ICP-MS	141	0.1890	0.1540	0.1470	0.163	0.28	0.1599	7	0.0124	0
As (ug/g AR)	102.04	ICP-MS	106	0.1790	0.1620	0.1610	0.167	0.6	0.1599	7	0.0124	0
As (ug/g AR)	102.04	ICP-MS	183	0.2000	0.2100	0.2100	0.207	3.77	0.1599	7	0.0124	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072	<0.0072					1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0300	<0.0300	<0.0290	<0.0300					1
Hg (ug/g AR)	103.04	ICP-MS	164	<0.0500	<0.0500	<0.0500	<0.0500					1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0978	<0.0963	<0.0988	<0.0978					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.04	ICP-MS	106	0.0090	0.0080	0.0080	0.0083					0
Hg (ug/g AR)	103.04	ICP-MS	183	0.0100	0.0100	0.0100	0.01					0
Hg (ug/g AR)	103.99	Other	102	0.0450	0.0450	0.0440	0.0447					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	102	0.7071	0.8060	0.7070	0.74	-0.89	0.8469	8	0.1195	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.7603	0.7433	0.7380	0.747	-0.83	0.8469	8	0.1195	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.7630	0.7480	0.7330	0.748	-0.83	0.8469	8	0.1195	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Pb (ug/g AR)	104.04	ICP-MS	183	0.8700	0.8100	0.6900	0.79	-0.48	0.8469	8	0.1195	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.8590	1.0600	0.7630	0.894	0.39	0.8469	8	0.1195	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.8170	0.7800	1.1390	0.912	0.55	0.8469	8	0.1195	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.9249	1.0050	0.8265	0.919	0.6	0.8469	8	0.1195	0
Pb (ug/g AR)	104.04	ICP-MS	164	0.6784	1.5626	0.8338	1.02	1.49	0.8469	8	0.1195	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	11.4000	11.5000	10.4000	11.1					0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	1.9300	1.9400	2.0000	1.96					0
Ni (ug/g AR)	106.04	ICP-MS	183	2.2800	2.3200	2.3500	2.32					0
Ni (ug/g AR)	106.04	ICP-MS	141	2.5900	2.5100	2.3800	2.49					0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	196	2.5700	2.5100	2.7100	2.6					0
Cr (ug/g AR)	107.04	ICP-MS	141	3.4700	3.5600	3.1500	3.39					0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	141	<0.3990	<0.4030	<0.3920	<0.3990					1
Se (ug/g AR)	108.04	ICP-MS	197	0.1189	0.1564	<0.0988	0.125					0
Se (ug/g AR)	108.04	ICP-MS	196	0.1340	0.1260	0.1210	0.127					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	196	72.5000	68.2000	63.9000	68.2					0
Zn (ug/g AR)	111.04	ICP-MS	141	76.9000	70.2000	68.7000	71.9					0
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					1
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0304	0.0303	0.0338	0.0315					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0653	0.0675	0.0664	0.0664					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0361	0.0379	0.0341	0.036					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0474	0.0436	0.0432	0.0447					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0158	<0.0158	<0.0158	<0.0158					1
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Geraniol (%AR)	204.02	GC,MS	196	<0.2520	<0.2520	<0.2520	<0.2520					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0143	0.0151	0.0145	0.0146					0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0189	0.0176	0.0174	0.018					0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	153	5.0100	5.3200	5.3600	5.23	-1.7	8.1731	15	1.7339	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Moisture (%AR)	500.70	Commerc. Anal.	189	6.4990	6.4990	6.4990	6.5	-0.97	8.1731	15	1.7339	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.6400	6.7700	6.6100	6.67	-0.86	8.1731	15	1.7339	0
Moisture (%AR)	500.99	Other	102	6.9000	7.2000	7.0000	7.03	-0.66	8.1731	15	1.7339	0
Moisture (%AR)	500.99	Other	103	6.9100	7.1000	7.1000	7.04	-0.66	8.1731	15	1.7339	0
Moisture (%AR)	500.72	NIR	138	7.5000	7.3500	7.2000	7.35	-0.47	8.1731	15	1.7339	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.5200	7.4100	7.7400	7.56	-0.36	8.1731	15	1.7339	0
Moisture (%AR)	500.70	Commerc. Anal.	196	8.3300	8.4600	8.7700	8.52	0.2	8.1731	15	1.7339	0
Moisture (%AR)	500.99	Other	165	8.7000	8.4000	8.6000	8.57	0.23	8.1731	15	1.7339	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.0800	8.8600	9.0300	8.66	0.28	8.1731	15	1.7339	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.6700	8.8900	8.9600	8.84	0.38	8.1731	15	1.7339	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.6400	9.8200	8.4500	8.97	0.46	8.1731	15	1.7339	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.8250	10.1240	10.2645	10.1	1.09	8.1731	15	1.7339	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.5314	10.2499	10.6504	10.5	1.33	8.1731	15	1.7339	0
Moisture (%AR)	500.70	Commerc. Anal.	162	11.6500	11.0000	11.8800	11.5	1.92	8.1731	15	1.7339	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.1520	0.1420	0.1479	0.147	-1.62	0.1796	8	0.0199	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1690	0.1670	0.1770	0.171	-0.43	0.1796	8	0.0199	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.1666	0.1756	0.1697	0.171	-0.45	0.1796	8	0.0199	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1698	0.1774	0.1772	0.175	-0.24	0.1796	8	0.0199	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.1800	0.1800	0.1770	0.179	-0.03	0.1796	8	0.0199	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1958	0.1879	0.1792	0.188	0.41	0.1796	8	0.0199	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.1972	0.1998	0.1972	0.198	0.93	0.1796	8	0.0199	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2045	0.2056	0.2065	0.206	1.31	0.1796	8	0.0199	0
Δ9-THCA (%DW)												
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0530	<0.0520	<0.0530	<0.0530					1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0365	0.0377	0.0390	0.0377	-1.4	0.0475	7	0.0069	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0429	0.0450	0.0432	0.0437	-0.54	0.0475	7	0.0069	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0442	0.0483	0.0467	0.0464	-0.15	0.0475	7	0.0069	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.0490	0.0460	0.0490	0.048	0.08	0.0475	7	0.0069	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0475	0.0500	0.0496	0.049	0.23	0.0475	7	0.0069	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0514	0.0498	0.0471	0.0494	0.29	0.0475	7	0.0069	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	228	0.0611	0.0594	0.0604	0.0603	1.85	0.0475	7	0.0069	0
CBD (%DW)												
CBD (%DW)	503.02	AOAC 2018.11, U	103	4.5554	4.2431	4.0082	4.27	-1.47	4.7158	6	0.3031	0
CBD (%DW)	503.10	Other LC-UV	189	4.6741	4.6630	4.6700	4.67	-0.15	4.7158	6	0.3031	0
CBD (%DW)	503.10	Other LC-UV	116	4.6837	4.7046	4.7693	4.72	0.01	4.7158	6	0.3031	0
CBD (%DW)	503.01	AOAC 2018.10	210	4.7980	4.7440	4.7320	4.76	0.14	4.7158	6	0.3031	0
CBD (%DW)	503.10	Other LC-UV	162	4.6677	4.7383	4.9251	4.78	0.2	4.7158	6	0.3031	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.0716	5.1058	5.1310	5.1	1.28	4.7158	6	0.3031	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBDA (%DW)									
CBDA (%DW)	504.02	AOAC 2018.11, U	103	3.2935	3.2394	3.1336	3.22	-1.03	3.6994	7	0.4644	0
CBDA (%DW)	504.10	Other LC-UV	189	3.4224	3.4152	3.4210	3.42	-0.6	3.6994	7	0.4644	0
CBDA (%DW)	504.10	Other LC-UV	116	3.4988	3.4487	3.3986	3.45	-0.54	3.6994	7	0.4644	0
CBDA (%DW)	504.10	Other LC-UV	162	3.5313	3.5963	3.7483	3.63	-0.16	3.6994	7	0.4644	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.6952	3.6830	3.7275	3.7	0.01	3.6994	7	0.4644	0
CBDA (%DW)	504.01	AOAC 2018.10	210	4.1210	4.0370	4.0890	4.08	0.82	3.6994	7	0.4644	0
CBDA (%DW)	504.01	AOAC 2018.10	228	5.0015	5.0121	5.0009	5	2.81	3.6994	7	0.4644	0
			CBN (%DW)									
CBN (%DW)	505.10	Other LC-UV	192	0.0000	0.0540	0.0591	0.0377	-1.28	0.0521	7	0.0113	0
CBN (%DW)	505.10	Other LC-UV	162	0.0473	0.0482	0.0473	0.0476	-0.4	0.0521	7	0.0113	0
CBN (%DW)	505.10	Other LC-UV	189	0.0481	0.0479	0.0477	0.0479	-0.37	0.0521	7	0.0113	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0514	0.0507	0.0500	0.0507	-0.13	0.0521	7	0.0113	0
CBN (%DW)	505.30	GC-FID	116	0.0484	0.0565	0.0510	0.052	-0.01	0.0521	7	0.0113	0
CBN (%DW)	505.10	Other LC-UV	116	0.0571	0.0612	0.0614	0.0599	0.69	0.0521	7	0.0113	0
CBN (%DW)	505.30	GC-FID	192	0.0787	0.0877	0.0883	0.0849	2.9	0.0521	7	0.0113	0
			Total Δ9-THC (%DW)									
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1801	0.1649	0.1533	0.166	-2.06	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.1840	0.1750	0.1821	0.18	-1.44	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.1880	0.1850	0.1960	0.19	-1.03	0.2133	14	0.0229	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%DW)	506.40	GC-FID	192	0.2070	0.2088	0.2044	0.207	-0.29	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2103	0.2029	0.2108	0.208	-0.23	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.1750	0.2360	0.2180	0.21	-0.16	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2061	0.2196	0.2179	0.215	0.05	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2108	0.2239	0.2165	0.217	0.17	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2149	0.2211	0.2185	0.218	0.21	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.2230	0.2200	0.2200	0.221	0.34	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2332	0.2270	0.2167	0.226	0.54	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2264	0.2275	0.2284	0.227	0.62	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.2389	0.2437	0.2407	0.241	1.21	0.2133	14	0.0229	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.4099	0.4076	0.5355	0.451	10.36	0.2133	14	0.0229	0

Total CBD (%DW)

Total CBD (%DW)	507.02	AOAC 2018.11, U	103	7.4438	7.0840	6.7563	7.09	-1.31	8.1901	10	0.8333	0
Total CBD (%DW)	507.10	Other LC-UV	189	7.6756	7.6582	7.6702	7.67	-0.63	8.1901	10	0.8333	0
Total CBD (%DW)	507.10	Other LC-UV	116	7.7521	7.7291	7.7498	7.74	-0.54	8.1901	10	0.8333	0
Total CBD (%DW)	507.40	GC-FID	192	8.0536	8.1143	7.4805	7.88	-0.37	8.1901	10	0.8333	0
Total CBD (%DW)	507.10	Other LC-UV	162	7.7646	7.8921	8.2127	7.96	-0.28	8.1901	10	0.8333	0
Total CBD (%DW)	507.40	GC-FID	116	7.7441	8.0427	8.3648	8.05	-0.17	8.1901	10	0.8333	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	8.4120	8.2840	8.3180	8.34	0.18	8.1901	10	0.8333	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	8.3123	8.3358	8.4000	8.35	0.19	8.1901	10	0.8333	0
Total CBD (%DW)	507.40	GC-FID	138	9.3488	9.3275	9.4564	9.38	1.43	8.1901	10	0.8333	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%DW)	507.10	Other LC-UV	192	10.7645	10.3736	11.0404	10.7	3.04	8.1901	10	0.8333	0
CBDV (%DW)												
CBDV (%DW)	508.99	Other	162	0.0375	0.0311	0.0302	0.0329					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.0350	0.0350	0.0340	0.0347					0
CBDV (%DW)	508.99	Other	189	0.0334	0.0393	0.0316	0.0348					0
CBDVA (%DW)												
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.0280	0.0250	0.0240	0.0257					0
CBG (%DW)												
CBG (%DW)	510.99	Other	162	0.1251	0.1221	0.1208	0.123					0
CBG (%DW)	510.01	AOAC 2018.10	210	0.1360	0.1370	0.1410	0.138					0
CBG (%DW)	510.99	Other	189	0.1491	0.1478	0.1497	0.149					0
CBGA (%DW)												
CBGA (%DW)	511.01	AOAC 2018.10	210	0.0900	0.0740	0.0690	0.0777					0
CBGA (%DW)	511.99	Other	189	0.1656	0.1645	0.1645	0.165					0
CBGA (%DW)	511.99	Other	162	0.1900	0.1771	0.1807	0.183					0
THCV (%DW)												
THCV (%DW)	512.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	189	0.0099	0.0112	0.0093	0.0101					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.0240	0.0240	0.0220	0.0233					0
CBC (%DW)												
CBC (%DW)	514.99	Other	162	0.2231	0.2259	0.2286	0.226					0
CBC (%DW)	514.99	Other	189	0.2478	0.2507	0.2500	0.25					0

1. Flag definitions: 1 (Lab Value not used because there were less than 2 numeric lab results), 2 (Lab Value not used because there were less than 2 numeric lab results greater than 0).

2. Robust statistics performed to determine robust mean and Z scores only if there were 6 or more numeric lab values.

3. AR refers to concentration on as-received basis. DW refers to concentration on dry weight basis.