

Hemp Proficiency Testing

All Labs Trueness

HM24NOV-2 (hemp)



Sample: HM24NOV-2 (hemp)

All Labs Trueness

Issue Date: December 21, 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)	001.10	Other LC-UV	213	0.0911	0.0884	0.0917	0.0904	-3.8	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1560	0.1520	0.1486	0.152	-1.63	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1395	0.1603	0.1629	0.154	-1.55	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1756	0.1586	0.1558	0.163	-1.23	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.1510	0.1720	0.1680	0.164	-1.22	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1532	0.1674	0.1808	0.167	-1.1	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.1830	0.1720	0.1740	0.176	-0.77	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1926	0.1755	0.1828	0.184	-0.52	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1879	0.1828	0.1842	0.185	-0.47	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.2037	0.1863	0.1808	0.19	-0.28	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.2069	0.1921	0.1812	0.193	-0.17	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1970	0.1910	0.1926	0.194	-0.17	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.1900	0.2000	0.2000	0.197	-0.06	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1948	0.1957	0.2090	0.2	0.05	0.1983	29	0.0284	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)	001.02	AOAC 2018.11, U	199	0.1990	0.1990	0.2115	0.203	0.17	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2059	0.2124	0.2030	0.207	0.31	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2057	0.2024	0.2130	0.207	0.31	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.2075	0.2122	0.2072	0.209	0.37	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2092	0.2086	0.2095	0.209	0.38	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2040	0.2110	0.2110	0.209	0.36	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2100	0.2100	0.2100	0.21	0.41	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2278	0.2055	0.2185	0.217	0.67	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.2270	0.2010	0.2320	0.22	0.76	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2360	0.2040	0.2310	0.224	0.89	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2348	0.2169	0.2270	0.226	0.98	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2144	0.2226	0.2400	0.226	0.96	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2411	0.2298	0.2230	0.231	1.16	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2353	0.2313	0.2308	0.232	1.2	0.1983	29	0.0284	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2557	0.2414	0.2294	0.242	1.54	0.1983	29	0.0284	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0701	<0.0739	<0.0732	<0.0701					1
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0345	0.0000	0.0000	0.0115	-4.31	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0129	0.0126	0.0136	0.013	-4.15	0.0521	27	0.0094	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)	002.10	Other LC-UV	141	0.0281	0.0298	0.0297	0.0292	-2.43	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0373	0.0411	0.0392	0.0392	-1.37	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0433	0.0418	0.0448	0.0433	-0.94	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	173	0.0450	0.0420	0.0440	0.0437	-0.9	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.0510	0.0440	0.0440	0.0463	-0.61	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0435	0.0402	0.0559	0.0465	-0.59	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0460	0.0470	0.0530	0.0487	-0.37	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.0500	0.0500	0.0500	0.05	-0.22	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0492	0.0518	0.0495	0.0502	-0.21	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0516	0.0470	0.0501	0.0496	-0.27	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0505	0.0536	0.0541	0.0527	0.07	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.0630	0.0500	0.0520	0.055	0.31	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0539	0.0539	0.0575	0.0551	0.32	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0536	0.0549	0.0571	0.0552	0.33	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0546	0.0550	0.0594	0.0563	0.45	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0563	0.0555	0.0553	0.0557	0.38	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0540	0.0580	0.0590	0.057	0.52	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0590	0.0578	0.0542	0.057	0.52	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0614	0.0599	0.0548	0.0587	0.7	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.0604	0.0622	0.0570	0.0599	0.82	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0569	0.0588	0.0639	0.0599	0.82	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.0610	0.0580	0.0630	0.0607	0.91	0.0521	27	0.0094	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)	002.30	Other LC-MS	122	0.0646	0.0588	0.0628	0.0621	1.06	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0750	0.0610	0.0570	0.0643	1.3	0.0521	27	0.0094	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0920	0.0867	0.0785	0.0857	3.57	0.0521	27	0.0094	0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	149	4.7130	3.5860	4.0300	4.11	-1.51	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	184	4.2300	4.2950	3.8220	4.12	-1.5	4.8273	23	0.4758	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.0937	4.2454	4.3165	4.22	-1.28	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	192	3.8649	4.5062	4.4303	4.27	-1.18	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	213	4.4320	4.4030	4.4480	4.43	-0.84	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	228	4.5030	4.4880	4.5220	4.5	-0.68	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	149	4.5560	4.7750	4.6660	4.67	-0.34	4.8273	23	0.4758	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.8081	4.6547	4.6023	4.69	-0.29	4.8273	23	0.4758	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.7843	4.6252	4.8814	4.76	-0.13	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	173	4.8290	4.7590	4.7340	4.77	-0.11	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	196	4.9547	4.8187	4.7481	4.84	0.03	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	141	5.1014	4.7641	4.6698	4.85	0.04	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	197	5.0178	4.7586	4.8468	4.87	0.1	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	170	4.9199	4.8153	4.9940	4.91	0.17	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	144	4.9471	4.8872	4.9243	4.92	0.19	4.8273	23	0.4758	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.9410	4.9480	5.1015	5	0.36	4.8273	23	0.4758	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	5.2471	4.9708	4.9697	5.06	0.49	4.8273	23	0.4758	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	183	5.0856	5.0096	5.3020	5.13	0.64	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	189	5.1862	5.1695	5.1635	5.17	0.73	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	116	5.1932	5.0398	5.4180	5.22	0.82	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	163	5.4809	5.3907	5.4385	5.44	1.28	4.8273	23	0.4758	0
CBD (%AR)	003.10	Other LC-UV	106	5.5300	5.8000	5.6100	5.65	1.72	4.8273	23	0.4758	0
CBD (%AR)	003.30	Other LC-MS	164	6.6286	5.4613	5.9590	6.02	2.5	4.8273	23	0.4758	0

CBDA (%AR)

CBDA (%AR)	004.30	Other LC-MS	149	3.4680	2.8630	3.5470	3.29	-1.6	3.7946	22	0.313	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	3.2819	3.4102	3.4809	3.39	-1.29	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	184	3.4860	3.5540	3.1960	3.41	-1.22	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	192	3.6687	3.4993	3.4058	3.52	-0.86	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	213	3.5040	3.5120	3.6050	3.54	-0.81	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	173	3.6290	3.5720	3.5710	3.59	-0.65	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	197	3.7187	3.5232	3.6020	3.61	-0.58	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	144	3.6611	3.7378	3.7468	3.72	-0.25	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	116	3.5669	3.8160	3.8311	3.74	-0.18	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	141	3.8943	3.7300	3.6579	3.76	-0.11	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	149	3.8060	3.7810	3.7510	3.78	-0.05	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	196	3.8359	3.7303	3.8121	3.79	-0.01	3.7946	22	0.313	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	3.9975	3.7852	3.6856	3.82	0.09	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	189	3.8372	3.8230	3.8137	3.82	0.1	3.7946	22	0.313	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	183	3.8499	3.9422	3.7778	3.86	0.2	3.7946	22	0.313	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	4.1762	3.8093	3.8305	3.94	0.46	3.7946	22	0.313	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.8905	3.9475	4.0415	3.96	0.53	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	106	3.9600	4.1400	3.9800	4.03	0.74	3.7946	22	0.313	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.9632	4.0343	4.2306	4.08	0.9	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	170	4.3066	4.2195	4.5350	4.35	1.79	3.7946	22	0.313	0
CBDA (%AR)	004.10	Other LC-UV	163	4.4901	4.4589	4.3976	4.45	2.09	3.7946	22	0.313	0
CBDA (%AR)	004.30	Other LC-MS	164	6.7370	5.8234	6.2997	6.29	7.96	3.7946	22	0.313	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	197	<0.0701	<0.0739	<0.0732	<0.0701					1
CBN (%AR)	005.10	Other LC-UV	192	0.0310	0.0337	0.0327	0.0325	-1.6	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	141	0.0394	0.0345	0.0356	0.0365	-1.24	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	144	0.0394	0.0405	0.0407	0.0402	-0.91	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	149	0.0420	0.0410	0.0410	0.0413	-0.81	0.0505	20	0.0113	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0438	0.0394	0.0430	0.0421	-0.74	0.0505	20	0.0113	0
CBN (%AR)	005.20	Other LC-MS	149	0.0520	0.0420	0.0360	0.0433	-0.63	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	213	0.0439	0.0423	0.0436	0.0433	-0.64	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	196	0.0446	0.0441	0.0448	0.0445	-0.53	0.0505	20	0.0113	0
CBN (%AR)	005.30	GC-FID	192	0.0445	0.0447	0.0461	0.0451	-0.48	0.0505	20	0.0113	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0505	0.0500	0.0525	0.051	0.05	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	183	0.0504	0.0529	0.0531	0.0521	0.15	0.0505	20	0.0113	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)	005.10	Other LC-UV	173	0.0570	0.0510	0.0530	0.0537	0.28	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	189	0.0530	0.0537	0.0549	0.0539	0.3	0.0505	20	0.0113	0
CBN (%AR)	005.20	Other LC-MS	122	0.0569	0.0541	0.0568	0.0559	0.49	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	116	0.0490	0.0596	0.0622	0.0569	0.57	0.0505	20	0.0113	0
CBN (%AR)	005.30	GC-FID	116	0.0609	0.0568	0.0564	0.058	0.67	0.0505	20	0.0113	0
CBN (%AR)	005.30	GC-FID	138	0.0560	0.0572	0.0675	0.0602	0.87	0.0505	20	0.0113	0
CBN (%AR)	005.10	Other LC-UV	106	0.0700	0.0600	0.0600	0.0633	1.14	0.0505	20	0.0113	0
CBN (%AR)	005.30	GC-FID	163	0.0678	0.0677	0.0651	0.0669	1.46	0.0505	20	0.0113	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.1035	0.0571	0.0583	0.073	2	0.0505	20	0.0113	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.10	Other LC-UV	213	0.1020	0.0990	0.1030	0.101	-3.89	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1698	0.1603	0.1629	0.164	-2.19	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.1807	0.1781	0.1746	0.178	-1.83	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2083	0.1946	0.1901	0.198	-1.3	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.2019	0.1951	0.2015	0.199	-1.25	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2050	0.1880	0.2080	0.2	-1.23	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.2280	0.2100	0.2120	0.217	-0.79	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.2040	0.2220	0.2240	0.217	-0.79	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2209	0.2209	0.2334	0.225	-0.56	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2404	0.2280	0.2164	0.228	-0.48	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2358	0.2209	0.2262	0.228	-0.49	0.246	36	0.0372	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)	006.02	AOAC 2018.11, U	103	0.2418	0.2216	0.2298	0.231	-0.4	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.2411	0.2298	0.2230	0.231	-0.39	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2350	0.2276	0.2319	0.231	-0.39	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.2530	0.2350	0.2290	0.239	-0.19	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2353	0.2453	0.2391	0.24	-0.16	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2633	0.2463	0.2439	0.251	0.14	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2470	0.2506	0.2548	0.251	0.13	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2447	0.2473	0.2650	0.252	0.17	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2503	0.2512	0.2565	0.253	0.18	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2550	0.2641	0.2453	0.255	0.24	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2527	0.2506	0.2631	0.255	0.26	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.2635	0.2380	0.2710	0.257	0.31	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2577	0.2631	0.2505	0.257	0.3	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2510	0.2620	0.2630	0.259	0.34	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2731	0.2467	0.2624	0.261	0.4	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.2610	0.2668	0.2572	0.262	0.42	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.2877	0.2682	0.2500	0.269	0.61	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.50	GC-MS	230	0.2870	0.2631	0.2596	0.27	0.64	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.3020	0.2570	0.2810	0.28	0.91	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2915	0.2685	0.2820	0.281	0.93	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2847	0.2800	0.2793	0.281	0.95	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.3171	0.3013	0.2842	0.301	1.47	0.246	36	0.0372	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)	006.40	GC-FID	190	0.3111	0.3078	0.3086	0.309	1.7	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3088	0.3062	0.3164	0.31	1.73	0.246	36	0.0372	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3134	0.3124	0.3070	0.311	1.75	0.246	36	0.0372	0
Total CBD (%AR)												
Total CBD (%AR)	007.40	GC-FID	192	7.0018	6.4649	6.8771	6.78	-2.93	8.2952	22	0.5164	0
Total CBD (%AR)	007.30	Other LC-MS	149	7.7550	6.0970	7.1410	7	-2.51	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	192	7.0824	7.5751	7.4172	7.36	-1.81	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	173	8.0120	7.8920	7.8660	7.92	-0.72	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.8940	8.0910	7.9550	7.98	-0.61	8.2952	22	0.5164	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	8.3139	7.9743	7.8346	8.04	-0.49	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	197	8.2790	7.8484	8.0058	8.04	-0.49	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	141	8.5167	8.0354	7.8778	8.14	-0.29	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	196	8.3188	8.0902	8.0913	8.17	-0.25	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.1586	8.1660	8.2110	8.18	-0.23	8.2952	22	0.5164	0
Total CBD (%AR)	007.40	GC-FID	170	8.2533	8.4256	7.9849	8.22	-0.14	8.2952	22	0.5164	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	8.2600	8.1633	8.5916	8.34	0.08	8.2952	22	0.5164	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.3530	8.4100	8.6459	8.47	0.34	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	116	8.3214	8.3864	8.7778	8.5	0.39	8.2952	22	0.5164	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	8.9096	8.3115	8.3291	8.52	0.43	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	183	8.4600	8.4700	8.6200	8.52	0.43	8.2952	22	0.5164	0
Total CBD (%AR)	007.10	Other LC-UV	189	8.5515	8.5223	8.5081	8.53	0.45	8.2952	22	0.5164	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)	007.40	GC-FID	163	8.5279	8.5250	8.5719	8.54	0.48	8.2952	22	0.5164	0
Total CBD (%AR)	007.40	GC-FID	116	9.0817	8.4112	8.6032	8.7	0.78	8.2952	22	0.5164	0
Total CBD (%AR)	007.40	GC-FID	169	8.8020	8.9290	9.2410	8.99	1.35	8.2952	22	0.5164	0
Total CBD (%AR)	007.40	GC-FID	138	9.5589	9.5774	10.1292	9.76	2.83	8.2952	22	0.5164	0
Total CBD (%AR)	007.30	Other LC-MS	164	12.5370	10.5685	11.4839	11.5	6.26	8.2952	22	0.5164	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0467	<0.0493	<0.0488	<0.0467					1
CBDV (%AR)	008.99	Other	196	0.0250	0.0240	0.0238	0.0243	-0.94	0.039	6	0.0157	0
CBDV (%AR)	008.99	Other	149	0.0330	0.0270	0.0320	0.0307	-0.53	0.039	6	0.0157	0
CBDV (%AR)	008.99	Other	189	0.0306	0.0320	0.0321	0.0316	-0.48	0.039	6	0.0157	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.0371	0.0393	0.0390	0.0385	-0.04	0.039	6	0.0157	0
CBDV (%AR)	008.99	Other	106	0.0500	0.0400	0.0500	0.0467	0.49	0.039	6	0.0157	0
CBDV (%AR)	008.99	Other	173	0.1020	0.1010	0.1110	0.105	4.19	0.039	6	0.0157	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	197	<0.0467	<0.0493	<0.0488	<0.0467					1
CBDVA (%AR)	009.99	Other	196	0.0385	0.0374	0.0363	0.0374					0
CBDVA (%AR)	009.99	Other	149	0.0400	0.0370	0.0370	0.038					0
CBDVA (%AR)	009.99	Other	173	0.0430	0.0410	0.0440	0.0427					0
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.0430	0.0630	0.0440	0.05					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)									
CBG (%AR)	010.99	Other	197	0.0897	0.1143	0.1161	0.107	-2.39	0.2253	10	0.0497	0
CBG (%AR)	010.99	Other	141	0.1848	0.1810	0.1741	0.18	-0.91	0.2253	10	0.0497	0
CBG (%AR)	010.99	Other	149	0.1970	0.1830	0.1890	0.19	-0.72	0.2253	10	0.0497	0
CBG (%AR)	010.99	Other	196	0.2049	0.2040	0.1985	0.202	-0.46	0.2253	10	0.0497	0
CBG (%AR)	010.99	Other	106	0.2400	0.2200	0.2100	0.223	-0.04	0.2253	10	0.0497	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.2414	0.2436	0.2331	0.239	0.28	0.2253	10	0.0497	0
CBG (%AR)	010.99	Other	173	0.2500	0.2440	0.2430	0.246	0.41	0.2253	10	0.0497	0
CBG (%AR)	010.99	Other	122	0.2651	0.2571	0.2666	0.263	0.76	0.2253	10	0.0497	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.2798	0.2523	0.3037	0.279	1.07	0.2253	10	0.0497	0
CBG (%AR)	010.99	Other	189	0.2769	0.2772	0.2861	0.28	1.1	0.2253	10	0.0497	0
			CBGA (%AR)									
CBGA (%AR)	011.99	Other	141	0.1321	0.1280	0.1376	0.133	-2.11	0.1965	10	0.0303	0
CBGA (%AR)	011.99	Other	173	0.1710	0.1660	0.1690	0.169	-0.92	0.1965	10	0.0303	0
CBGA (%AR)	011.99	Other	106	0.1800	0.1800	0.1800	0.18	-0.54	0.1965	10	0.0303	0
CBGA (%AR)	011.99	Other	196	0.1883	0.1873	0.1925	0.189	-0.24	0.1965	10	0.0303	0
CBGA (%AR)	011.99	Other	149	0.2030	0.1840	0.1850	0.191	-0.19	0.1965	10	0.0303	0
CBGA (%AR)	011.99	Other	197	0.2000	0.1911	0.2039	0.198	0.06	0.1965	10	0.0303	0
CBGA (%AR)	011.99	Other	189	0.2130	0.2078	0.2081	0.21	0.43	0.1965	10	0.0303	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.2119	0.2150	0.2062	0.211	0.48	0.1965	10	0.0303	0
CBGA (%AR)	011.99	Other	122	0.2264	0.2204	0.2261	0.224	0.92	0.1965	10	0.0303	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.2593	0.2350	0.2405	0.245	1.6	0.1965	10	0.0303	0
THCV (%AR)												
THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%AR)	012.02	AOAC 2018.11, U	183	<0.0070	<0.0070	<0.0070	<0.0070					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	<0.0467	<0.0493	<0.0488	<0.0467					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	<0.0104	<0.0104	<0.0104	<0.0104					1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120	<0.0120					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	<0.0467	<0.0493	<0.0488	<0.0467					1
Δ8-THC (%AR)	013.99	Other	173	0.0000	0.0000	0.0000	0					0
Δ8-THC (%AR)	013.99	Other	189	0.0126	0.0090	0.0140	0.0119					0
Δ8-THC (%AR)	013.99	Other	138	0.0520	0.0541	0.0587	0.0549					0
Δ8-THC (%AR)	013.99	Other	213	0.1770	0.1780	0.1780	0.178					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBC (%AR)									
CBC (%AR)	014.99	Other	149	0.0510	0.0440	0.0440	0.0463	-6.9	0.2368	8	0.0276	0
CBC (%AR)	014.99	Other	197	0.2224	0.2138	0.2380	0.225	-0.44	0.2368	8	0.0276	0
CBC (%AR)	014.99	Other	173	0.2310	0.2250	0.2240	0.227	-0.37	0.2368	8	0.0276	0
CBC (%AR)	014.99	Other	196	0.2331	0.2285	0.2286	0.23	-0.24	0.2368	8	0.0276	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2444	0.2309	0.2375	0.238	0.03	0.2368	8	0.0276	0
CBC (%AR)	014.99	Other	106	0.2400	0.2500	0.2500	0.247	0.36	0.2368	8	0.0276	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.2568	0.2567	0.2520	0.255	0.66	0.2368	8	0.0276	0
CBC (%AR)	014.99	Other	189	0.2971	0.2810	0.2807	0.286	1.79	0.2368	8	0.0276	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	196	0.1290	0.1280	0.1180	0.125	-1.57	0.1426	7	0.0112	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.1430	0.1370	0.1310	0.137	-0.5	0.1426	7	0.0112	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1416	0.1413	0.1363	0.14	-0.25	0.1426	7	0.0112	0
Cd (ug/g AR)	101.04	ICP-MS	164	0.1388	0.1520	0.1324	0.141	-0.13	0.1426	7	0.0112	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1560	0.1430	0.1440	0.148	0.46	0.1426	7	0.0112	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1476	0.1464	0.1621	0.152	0.85	0.1426	7	0.0112	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.1530	0.1550	0.1560	0.155	1.08	0.1426	7	0.0112	0
			As (ug/g AR)									
As (ug/g AR)	102.04	ICP-MS	106	<0.0800	<0.0800	<0.0800	<0.0800					1

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	<0.0969	<0.0975	<0.0982	<0.0969					1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.04	ICP-MS	141	<0.0400	<0.0400	0.0400	0.04					1
As (ug/g AR)	102.04	ICP-MS	196	<0.0482	0.0526	0.0563	0.0524					0
As (ug/g AR)	102.04	ICP-MS	164	<0.0500	0.0669	<0.0500	0.0556					1
As (ug/g AR)	102.04	ICP-MS	102	0.0703	0.0600	0.0509	0.0604					0
As (ug/g AR)	102.04	ICP-MS	183	0.0680	0.0750	0.0780	0.0737					0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080	<0.0080					1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0300	<0.0300	<0.0300	<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	<0.0969	<0.0975	<0.0982	<0.0969					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	196	0.0077	0.0076	0.0079	0.0077					0
Hg (ug/g AR)	103.99	Other	102	0.0080	0.0079	0.0081	0.008					0
Hg (ug/g AR)	103.04	ICP-MS	183	0.0100	0.0100	0.0100	0.01					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	106	0.1490	0.1570	0.1380	0.148	-0.97	0.1651	7	0.0177	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.1509	0.1364	0.1560	0.148	-0.98	0.1651	7	0.0177	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.1560	0.1639	0.1501	0.157	-0.48	0.1651	7	0.0177	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	196	0.1670	0.1590	0.1730	0.166	0.07	0.1651	7	0.0177	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.1560	0.1840	0.1680	0.169	0.24	0.1651	7	0.0177	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.1500	0.1670	0.2150	0.177	0.69	0.1651	7	0.0177	0
Pb (ug/g AR)	104.04	ICP-MS	164	0.1623	0.2532	0.1549	0.19	1.42	0.1651	7	0.0177	0
Pb (ug/g AR)	104.04	ICP-MS	162	<0.2000	<0.2000	0.2100	0.203					1

Cu (ug/g AR)

Cu (ug/g AR)	105.04	ICP-MS	196	12.8000	12.0000	11.5000	12.1					0
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Ni (ug/g AR)

Ni (ug/g AR)	106.04	ICP-MS	196	1.2100	1.1800	1.0400	1.14					0
Ni (ug/g AR)	106.04	ICP-MS	141	1.2800	1.2200	1.2500	1.25					0
Ni (ug/g AR)	106.04	ICP-MS	183	1.5100	1.3500	1.3600	1.41					0

Cr (ug/g AR)

Cr (ug/g AR)	107.04	ICP-MS	141	<0.8100	<0.7980	<0.7920	<0.8100					1
Cr (ug/g AR)	107.04	ICP-MS	196	0.4030	0.3940	0.3950	0.397					0

Se (ug/g AR)

Se (ug/g AR)	108.04	ICP-MS	141	<0.4050	<0.3990	<0.3960	<0.4050					1
Se (ug/g AR)	108.04	ICP-MS	197	0.0976	<0.0975	0.1201	0.105					0
Se (ug/g AR)	108.04	ICP-MS	196	0.1160	0.1080	0.1200	0.115					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	141	59.4000	58.0000	59.1000	58.8					0
Zn (ug/g AR)	111.04	ICP-MS	196	69.5000	72.0000	76.3000	72.6					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	0.0324	0.0321	0.0358	0.0334					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0881	0.0846	0.0829	0.0852					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.1040	0.1000	0.1110	0.105					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	183	0.0431	0.0404	0.0358	0.0398					0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0440	0.0424	0.0397	0.042					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0472	0.0481	0.0513	0.0489					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0175	0.0153	0.0203	0.0177					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0187	0.0180	0.0182	0.0183					0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0199	0.0204	0.0223	0.0209					0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.0248	0.0212	0.0198	0.0219					0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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	183	<0.0020	<0.0020	<0.0020	<0.0020					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
(-)-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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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	3.0300	3.1600	2.7600	2.98	-1.77	6.9029	15	2.2096	0
Moisture (%AR)	500.70	Commerc. Anal.	189	4.6060	4.6060	4.6060	4.61	-1.04	6.9029	15	2.2096	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.1600	4.8600	4.8800	4.97	-0.88	6.9029	15	2.2096	0
Moisture (%AR)	500.99	Other	102	5.0000	5.7000	5.2000	5.3	-0.73	6.9029	15	2.2096	0
Moisture (%AR)	500.99	Other	103	5.8700	6.0900	5.8600	5.94	-0.44	6.9029	15	2.2096	0
Moisture (%AR)	500.70	Commerc. Anal.	106	5.9300	6.0100	6.0500	6	-0.41	6.9029	15	2.2096	0
Moisture (%AR)	500.72	NIR	138	6.0000	5.8000	6.2000	6	-0.41	6.9029	15	2.2096	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.5800	6.5300	6.9200	6.68	-0.1	6.9029	15	2.2096	0
Moisture (%AR)	500.99	Other	165	6.9600	6.9700	6.9800	6.97	0.03	6.9029	15	2.2096	0
Moisture (%AR)	500.50	AOAC 930.15	210	7.6300	7.6800	8.2000	7.84	0.42	6.9029	15	2.2096	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.	162	8.0000	8.6500	7.8400	8.16	0.57	6.9029	15	2.2096	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.5200	9.0600	8.8900	8.82	0.87	6.9029	15	2.2096	0
Moisture (%AR)	500.50	AOAC 930.15	192	8.7865	9.0468	8.8719	8.9	0.9	6.9029	15	2.2096	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.0275	9.6195	9.9447	9.86	1.34	6.9029	15	2.2096	0
Moisture (%AR)	500.70	Commerc. Anal.	183	10.4200	10.6500	8.6600	9.91	1.36	6.9029	15	2.2096	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.2164	0.1984	0.1921	0.202	-1.25	0.2246	8	0.0177	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2094	0.2103	0.2246	0.215	-0.55	0.2246	8	0.0177	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2165	0.2130	0.2242	0.218	-0.38	0.2246	8	0.0177	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.2140	0.2240	0.2220	0.22	-0.26	0.2246	8	0.0177	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.2142	0.2271	0.2239	0.222	-0.16	0.2246	8	0.0177	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2212	0.2202	0.2349	0.225	0.05	0.2246	8	0.0177	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2467	0.2425	0.2419	0.244	1.08	0.2246	8	0.0177	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.2570	0.2490	0.2460	0.251	1.47	0.2246	8	0.0177	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)	502.02	AOAC 2018.11, U	103	0.0462	0.0428	0.0594	0.0495	-1.48	0.0572	7	0.0053	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0582	0.0482	0.0579	0.0548	-0.47	0.0572	7	0.0053	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.0550	0.0570	0.0550	0.0557	-0.3	0.0572	7	0.0053	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0590	0.0582	0.0579	0.0584	0.21	0.0572	7	0.0053	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 (%DW)	502.10	Other LC-UV	116	0.0564	0.0578	0.0601	0.0581	0.16	0.0572	7	0.0053	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.0570	0.0610	0.0620	0.06	0.52	0.0572	7	0.0053	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0612	0.0632	0.0687	0.0644	1.35	0.0572	7	0.0053	0

CBD (%DW)

CBD (%DW)	503.02	AOAC 2018.11, U	103	5.1079	4.9566	4.8888	4.98	-4.08	5.4263	6	0.1083	0
CBD (%DW)	503.10	Other LC-UV	162	5.5508	5.5126	5.1173	5.39	-0.3	5.4263	6	0.1083	0
CBD (%DW)	503.10	Other LC-UV	189	5.4367	5.4191	5.4128	5.42	-0.03	5.4263	6	0.1083	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.4510	5.5530	5.3270	5.44	0.16	5.4263	6	0.1083	0
CBD (%DW)	503.10	Other LC-UV	116	5.4648	5.3033	5.7013	5.49	0.59	5.4263	6	0.1083	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.4917	5.4746	5.6649	5.54	1.08	5.4263	6	0.1083	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	116	3.7535	4.0156	4.0314	3.93	-0.77	4.1835	6	0.3267	0
CBDA (%DW)	504.10	Other LC-UV	189	4.0225	4.0076	3.9978	4.01	-0.53	4.1835	6	0.3267	0
CBDA (%DW)	504.10	Other LC-UV	162	4.0004	4.2261	3.8562	4.03	-0.48	4.1835	6	0.3267	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	4.2468	4.0307	3.9150	4.06	-0.37	4.1835	6	0.3267	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	4.3241	4.3676	4.4878	4.39	0.64	4.1835	6	0.3267	0
CBDA (%DW)	504.01	AOAC 2018.10	210	4.9300	4.8720	4.8190	4.87	2.11	4.1835	6	0.3267	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	192	0.0340	0.0370	0.0359	0.0356	-2.78	0.0544	7	0.0067	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	
CBN (%DW)	505.30	GC-FID	192	0.0488	0.0492	0.0506	0.0495	-0.72	0.0544	7	0.0067	0
CBN (%DW)	505.10	Other LC-UV	162	0.0506	0.0541	0.0540	0.0529	-0.22	0.0544	7	0.0067	0
CBN (%DW)	505.10	Other LC-UV	189	0.0556	0.0563	0.0575	0.0565	0.31	0.0544	7	0.0067	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0561	0.0553	0.0583	0.0566	0.32	0.0544	7	0.0067	0
CBN (%DW)	505.10	Other LC-UV	116	0.0515	0.0627	0.0654	0.0599	0.81	0.0544	7	0.0067	0
CBN (%DW)	505.30	GC-FID	116	0.0641	0.0598	0.0594	0.0611	1	0.0544	7	0.0067	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1862	0.1763	0.1788	0.18	-2.51	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2277	0.2140	0.2086	0.217	-1.32	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.40	GC-FID	192	0.2214	0.2145	0.2211	0.219	-1.24	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.2569	0.2359	0.2441	0.246	-0.37	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2431	0.2421	0.2568	0.247	-0.32	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2503	0.2610	0.2543	0.255	-0.06	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2630	0.2730	0.2520	0.263	0.18	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2771	0.2592	0.2567	0.264	0.24	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2659	0.2637	0.2768	0.269	0.38	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2652	0.2694	0.2747	0.27	0.42	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2630	0.2658	0.2849	0.271	0.46	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2640	0.2770	0.2760	0.272	0.5	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.2984	0.2935	0.2928	0.295	1.24	0.257	14	0.0306	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.3050	0.2990	0.2940	0.299	1.38	0.257	14	0.0306	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)												
Total CBD (%DW)	507.40	GC-FID	192	7.6762	7.1079	7.5467	7.44	-1.81	8.9644	10	0.8388	0
Total CBD (%DW)	507.10	Other LC-UV	192	7.7646	8.3285	8.1393	8.08	-1.06	8.9644	10	0.8388	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	8.8324	8.4914	8.3223	8.55	-0.5	8.9644	10	0.8388	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.0592	9.2189	8.4992	8.93	-0.05	8.9644	10	0.8388	0
Total CBD (%DW)	507.10	Other LC-UV	189	8.9644	8.9338	8.9189	8.94	-0.03	8.9644	10	0.8388	0
Total CBD (%DW)	507.10	Other LC-UV	116	8.7567	8.8250	9.2369	8.94	-0.03	8.9644	10	0.8388	0
Total CBD (%DW)	507.40	GC-FID	116	9.6090	8.8512	9.0532	9.17	0.25	8.9644	10	0.8388	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	9.2839	9.3050	9.6007	9.4	0.52	8.9644	10	0.8388	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	9.7740	9.8250	9.5530	9.72	0.9	8.9644	10	0.8388	0
Total CBD (%DW)	507.40	GC-FID	138	10.1690	10.1887	10.7757	10.4	1.68	8.9644	10	0.8388	0
CBDV (%DW)												
CBDV (%DW)	508.99	Other	189	0.0321	0.0336	0.0336	0.0331					0
CBDV (%DW)	508.99	Other	162	0.0396	0.0335	0.0378	0.037					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.0380	0.0380	0.0370	0.0377					0
CBDVA (%DW)												
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.0340	0.0300	0.0350	0.033					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBG (%DW)									
CBG (%DW)	510.01	AOAC 2018.10	210	0.2260	0.2380	0.2300	0.231				0	
CBG (%DW)	510.99	Other	162	0.2323	0.2301	0.2351	0.233				0	
CBG (%DW)	510.99	Other	189	0.2903	0.2906	0.2999	0.294				0	
			CBGA (%DW)									
CBGA (%DW)	511.01	AOAC 2018.10	210	0.1050	0.1150	0.1200	0.113				0	
CBGA (%DW)	511.99	Other	162	0.2194	0.2161	0.2076	0.214				0	
CBGA (%DW)	511.99	Other	189	0.2233	0.2178	0.2181	0.22				0	
			THCV (%DW)									
THCV (%DW)	512.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050				1	
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	0.0132	0.0094	0.0147	0.0124				0	
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.0140	0.0140	<0.0140	0.014				0	
			CBC (%DW)									
CBC (%DW)	514.99	Other	162	0.2512	0.2707	0.2636	0.262				0	
CBC (%DW)	514.99	Other	189	0.3114	0.2946	0.2943	0.3				0	

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	

- 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.