

Hemp Proficiency Testing

All Labs Precision

HM24NOV-2 (hemp)



Sample: HM24NOV-2 (hemp)

All Labs Precision

Issue Date: December 21, 2024

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2100	0.2100	0.2100	0	0	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2092	0.2086	0.2095	0.22	0.04	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2353	0.2313	0.2308	1.06	0.21	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.2075	0.2122	0.2072	1.34	0.27	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1879	0.1828	0.1842	1.42	0.28	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1970	0.1910	0.1926	1.61	0.31	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.0911	0.0884	0.0917	1.94	0.34	4.06	0	8.32	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2040	0.2110	0.2110	1.94	0.38	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1560	0.1520	0.1486	2.43	0.46	4.06	0	8.32	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2059	0.2124	0.2030	2.32	0.46	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2057	0.2024	0.2130	2.62	0.52	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.1900	0.2000	0.2000	2.94	0.58	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.1830	0.1720	0.1740	3.32	0.64	4.06	0	8.32	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.1990	0.1990	0.2115	3.55	0.7	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1948	0.1957	0.2090	3.98	0.78	4.06	0	8.32	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2411	0.2298	0.2230	3.95	0.8	4.06	0	8.32	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2348	0.2169	0.2270	3.97	0.8	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1926	0.1755	0.1828	4.67	0.91	4.06	0	8.32	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2278	0.2055	0.2185	5.16	1.03	4.06	0	8.32	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2557	0.2414	0.2294	5.44	1.1	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2144	0.2226	0.2400	5.79	1.16	4.06	0	8.32	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.2037	0.1863	0.1808	6.28	1.23	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1756	0.1586	0.1558	6.56	1.25	4.06	0	8.32	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.1510	0.1720	0.1680	6.81	1.3	4.06	0	8.32	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.2069	0.1921	0.1812	6.67	1.31	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.2270	0.2010	0.2320	7.57	1.51	4.06	0	8.32	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2360	0.2040	0.2310	7.7	1.54	4.06	0	8.32	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1395	0.1603	0.1629	8.32	1.57	4.06	0	8.32	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1532	0.1674	0.1808	8.26	1.58	4.06	0	8.32	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0701	<0.0739	<0.0732						1
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.0500	0.0500	0.0500	0	0	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0563	0.0555	0.0553	0.95	0.15	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0492	0.0518	0.0495	2.84	0.45	5.21	0	173	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0281	0.0298	0.0297	3.27	0.48	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0129	0.0126	0.0136	3.94	0.51	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0536	0.0549	0.0571	3.21	0.52	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0433	0.0418	0.0448	3.46	0.54	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	173	0.0450	0.0420	0.0440	3.5	0.55	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0505	0.0536	0.0541	3.7	0.6	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0539	0.0539	0.0575	3.77	0.61	5.21	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.0610	0.0580	0.0630	4.15	0.68	5.21	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0590	0.0578	0.0542	4.38	0.71	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.0604	0.0622	0.0570	4.41	0.72	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0373	0.0411	0.0392	4.85	0.75	5.21	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0540	0.0580	0.0590	4.64	0.76	5.21	0	173	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0516	0.0470	0.0501	4.73	0.76	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0546	0.0550	0.0594	4.73	0.77	5.21	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0646	0.0588	0.0628	4.78	0.79	5.21	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0614	0.0599	0.0548	5.89	0.97	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0569	0.0588	0.0639	6.05	0.99	5.21	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0460	0.0470	0.0530	7.78	1.24	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.0510	0.0440	0.0440	8.72	1.38	5.21	0	173	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0920	0.0867	0.0785	7.93	1.38	5.21	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.0630	0.0500	0.0520	12.7	2.06	5.21	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0750	0.0610	0.0570	14.7	2.44	5.21	0	173	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0435	0.0402	0.0559	17.8	2.81	5.21	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0345	0.0000	0.0000	173	22.21	5.21	0	173	0

CBD (%AR)												
CBD (%AR)	003.10	Other LC-UV	189	5.1862	5.1695	5.1635	0.23	0.07	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	228	4.5030	4.4880	4.5220	0.38	0.12	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	213	4.4320	4.4030	4.4480	0.52	0.16	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	144	4.9471	4.8872	4.9243	0.62	0.2	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	163	5.4809	5.3907	5.4385	0.83	0.27	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	173	4.8290	4.7590	4.7340	1.03	0.33	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	170	4.9199	4.8153	4.9940	1.83	0.58	2.71	0.23	13.8	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.9410	4.9480	5.1015	1.82	0.58	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	196	4.9547	4.8187	4.7481	2.17	0.69	2.71	0.23	13.8	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.8081	4.6547	4.6023	2.28	0.72	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	149	4.5560	4.7750	4.6660	2.35	0.74	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	106	5.5300	5.8000	5.6100	2.46	0.8	2.71	0.23	13.8	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.0937	4.2454	4.3165	2.7	0.84	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	197	5.0178	4.7586	4.8468	2.7	0.86	2.71	0.23	13.8	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.7843	4.6252	4.8814	2.72	0.86	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	183	5.0856	5.0096	5.3020	2.96	0.95	2.71	0.23	13.8	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	5.2471	4.9708	4.9697	3.16	1.01	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	116	5.1932	5.0398	5.4180	3.65	1.17	2.71	0.23	13.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.10	Other LC-UV	141	5.1014	4.7641	4.6698	4.68	1.49	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	184	4.2300	4.2950	3.8220	6.23	1.93	2.71	0.23	13.8	0
CBD (%AR)	003.10	Other LC-UV	192	3.8649	4.5062	4.4303	8.21	2.56	2.71	0.23	13.8	0
CBD (%AR)	003.30	Other LC-MS	164	6.6286	5.4613	5.9590	9.74	3.19	2.71	0.23	13.8	0
CBD (%AR)	003.30	Other LC-MS	149	4.7130	3.5860	4.0300	13.8	4.28	2.71	0.23	13.8	0

CBDA (%AR)												
CBDA (%AR)	004.10	Other LC-UV	189	3.8372	3.8230	3.8137	0.31	0.09	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	149	3.8060	3.7810	3.7510	0.73	0.22	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	173	3.6290	3.5720	3.5710	0.92	0.28	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	163	4.4901	4.4589	4.3976	1.06	0.33	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	144	3.6611	3.7378	3.7468	1.27	0.39	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	196	3.8359	3.7303	3.8121	1.46	0.45	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	213	3.5040	3.5120	3.6050	1.59	0.48	2.92	0.31	11.4	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.8905	3.9475	4.0415	1.93	0.59	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	183	3.8499	3.9422	3.7778	2.14	0.66	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	106	3.9600	4.1400	3.9800	2.45	0.76	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	197	3.7187	3.5232	3.6020	2.72	0.83	2.92	0.31	11.4	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	3.2819	3.4102	3.4809	2.97	0.9	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	141	3.8943	3.7300	3.6579	3.22	0.98	2.92	0.31	11.4	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.9632	4.0343	4.2306	3.4	1.05	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	192	3.6687	3.4993	3.4058	3.78	1.14	2.92	0.31	11.4	0

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									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	170	4.3066	4.2195	4.5350	3.74	1.17	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	116	3.5669	3.8160	3.8311	3.97	1.21	2.92	0.31	11.4	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	3.9975	3.7852	3.6856	4.17	1.28	2.92	0.31	11.4	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	4.1762	3.8093	3.8305	5.23	1.61	2.92	0.31	11.4	0
CBDA (%AR)	004.10	Other LC-UV	184	3.4860	3.5540	3.1960	5.57	1.68	2.92	0.31	11.4	0
CBDA (%AR)	004.30	Other LC-MS	164	6.7370	5.8234	6.2997	7.27	2.4	2.92	0.31	11.4	0
CBDA (%AR)	004.30	Other LC-MS	149	3.4680	2.8630	3.5470	11.4	3.41	2.92	0.31	11.4	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	197	<0.0701	<0.0739	<0.0732						1
CBN (%AR)	005.10	Other LC-UV	196	0.0446	0.0441	0.0448	0.81	0.13	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	149	0.0420	0.0410	0.0410	1.4	0.22	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	144	0.0394	0.0405	0.0407	1.74	0.27	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	189	0.0530	0.0537	0.0549	1.78	0.29	5.06	0.81	36.2	0
CBN (%AR)	005.30	GC-FID	192	0.0445	0.0447	0.0461	1.93	0.3	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	213	0.0439	0.0423	0.0436	1.97	0.31	5.06	0.81	36.2	0
CBN (%AR)	005.30	GC-FID	163	0.0678	0.0677	0.0651	2.29	0.38	5.06	0.81	36.2	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0505	0.0500	0.0525	2.59	0.42	5.06	0.81	36.2	0
CBN (%AR)	005.20	Other LC-MS	122	0.0569	0.0541	0.0568	2.84	0.46	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	183	0.0504	0.0529	0.0531	2.89	0.46	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	192	0.0310	0.0337	0.0327	4.2	0.63	5.06	0.81	36.2	0
CBN (%AR)	005.30	GC-FID	116	0.0609	0.0568	0.0564	4.29	0.7	5.06	0.81	36.2	0

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									Rob Mean	min	max	
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0438	0.0394	0.0430	5.57	0.87	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	173	0.0570	0.0510	0.0530	5.69	0.92	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	141	0.0394	0.0345	0.0356	7.04	1.07	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	106	0.0700	0.0600	0.0600	9.12	1.51	5.06	0.81	36.2	0
CBN (%AR)	005.30	GC-FID	138	0.0560	0.0572	0.0675	10.5	1.73	5.06	0.81	36.2	0
CBN (%AR)	005.10	Other LC-UV	116	0.0490	0.0596	0.0622	12.3	2	5.06	0.81	36.2	0
CBN (%AR)	005.20	Other LC-MS	149	0.0520	0.0420	0.0360	18.7	2.92	5.06	0.81	36.2	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.1035	0.0571	0.0583	36.2	6.13	5.06	0.81	36.2	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	190	0.3111	0.3078	0.3086	0.56	0.12	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2847	0.2800	0.2793	1.04	0.22	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3134	0.3124	0.3070	1.11	0.23	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2503	0.2512	0.2565	1.33	0.27	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2350	0.2276	0.2319	1.61	0.32	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2470	0.2506	0.2548	1.56	0.32	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.1807	0.1781	0.1746	1.72	0.33	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3088	0.3062	0.3164	1.71	0.36	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	213	0.1020	0.0990	0.1030	2.05	0.37	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.2610	0.2668	0.2572	1.85	0.38	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.2019	0.1951	0.2015	1.91	0.38	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2353	0.2453	0.2391	2.1	0.43	3.51	0.56	8.04	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2577	0.2631	0.2505	2.46	0.5	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2510	0.2620	0.2630	2.57	0.53	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2527	0.2506	0.2631	2.62	0.54	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1698	0.1603	0.1629	2.99	0.57	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2209	0.2209	0.2334	3.21	0.64	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2358	0.2209	0.2262	3.32	0.67	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2550	0.2641	0.2453	3.69	0.75	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.2411	0.2298	0.2230	3.95	0.8	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2915	0.2685	0.2820	4.12	0.85	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2633	0.2463	0.2439	4.21	0.86	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2418	0.2216	0.2298	4.4	0.88	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2447	0.2473	0.2650	4.38	0.89	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.2280	0.2100	0.2120	4.55	0.91	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2083	0.1946	0.1901	4.8	0.94	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.2040	0.2220	0.2240	5.08	1.01	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2731	0.2467	0.2624	5.09	1.04	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.2530	0.2350	0.2290	5.23	1.06	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2404	0.2280	0.2164	5.26	1.06	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2050	0.1880	0.2080	5.38	1.06	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.50	GC-MS	230	0.2870	0.2631	0.2596	5.53	1.14	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.3171	0.3013	0.2842	5.47	1.14	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.2635	0.2380	0.2710	6.72	1.37	3.51	0.56	8.04	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.2877	0.2682	0.2500	7.02	1.44	3.51	0.56	8.04	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.3020	0.2570	0.2810	8.04	1.66	3.51	0.56	8.04	0

Total CBD (%AR)												
Total CBD (%AR)	007.10	Other LC-UV	189	8.5515	8.5223	8.5081	0.26	0.09	2.61	0.26	12	0
Total CBD (%AR)	007.40	GC-FID	163	8.5279	8.5250	8.5719	0.31	0.11	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.1586	8.1660	8.2110	0.35	0.12	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	173	8.0120	7.8920	7.8660	0.98	0.34	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	183	8.4600	8.4700	8.6200	1.05	0.36	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.8940	8.0910	7.9550	1.26	0.43	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	196	8.3188	8.0902	8.0913	1.61	0.55	2.61	0.26	12	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.3530	8.4100	8.6459	1.83	0.63	2.61	0.26	12	0
Total CBD (%AR)	007.40	GC-FID	169	8.8020	8.9290	9.2410	2.51	0.88	2.61	0.26	12	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	8.2600	8.1633	8.5916	2.69	0.93	2.61	0.26	12	0
Total CBD (%AR)	007.40	GC-FID	170	8.2533	8.4256	7.9849	2.7	0.93	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	197	8.2790	7.8484	8.0058	2.71	0.93	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	116	8.3214	8.3864	8.7778	2.91	1	2.61	0.26	12	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	8.3139	7.9743	7.8346	3.07	1.05	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	192	7.0824	7.5751	7.4172	3.42	1.16	2.61	0.26	12	0
Total CBD (%AR)	007.40	GC-FID	138	9.5589	9.5774	10.1292	3.32	1.17	2.61	0.26	12	0
Total CBD (%AR)	007.40	GC-FID	192	7.0018	6.4649	6.8771	4.14	1.38	2.61	0.26	12	0
Total CBD (%AR)	007.40	GC-FID	116	9.0817	8.4112	8.6032	3.97	1.38	2.61	0.26	12	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	8.9096	8.3115	8.3291	4	1.38	2.61	0.26	12	0
Total CBD (%AR)	007.10	Other LC-UV	141	8.5167	8.0354	7.8778	4.09	1.4	2.61	0.26	12	0
Total CBD (%AR)	007.30	Other LC-MS	164	12.5370	10.5685	11.4839	8.54	3.09	2.61	0.26	12	0
Total CBD (%AR)	007.30	Other LC-MS	149	7.7550	6.0970	7.1410	12	4.02	2.61	0.26	12	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0467	<0.0493	<0.0488						1
CBDV (%AR)	008.99	Other	196	0.0250	0.0240	0.0238	2.65	0.38	6.09	2.65	12.4	0
CBDV (%AR)	008.99	Other	189	0.0306	0.0320	0.0321	2.66	0.4	6.09	2.65	12.4	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.0371	0.0393	0.0390	3.1	0.48	6.09	2.65	12.4	0
CBDV (%AR)	008.99	Other	173	0.1020	0.1010	0.1110	5.26	0.94	6.09	2.65	12.4	0
CBDV (%AR)	008.99	Other	149	0.0330	0.0270	0.0320	10.5	1.56	6.09	2.65	12.4	0
CBDV (%AR)	008.99	Other	106	0.0500	0.0400	0.0500	12.4	1.96	6.09	2.65	12.4	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	197	<0.0467	<0.0493	<0.0488						1
CBDVA (%AR)	009.99	Other	196	0.0385	0.0374	0.0363	2.94	0.45				0
CBDVA (%AR)	009.99	Other	173	0.0430	0.0410	0.0440	3.58	0.56				0
CBDVA (%AR)	009.99	Other	149	0.0400	0.0370	0.0370	4.56	0.7				0
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.0430	0.0630	0.0440	22.5	3.6				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		CBG (%AR)										
CBG (%AR)	010.99	Other	173	0.2500	0.2440	0.2430	1.54	0.31	4.17	1.54	13.8	0
CBG (%AR)	010.99	Other	196	0.2049	0.2040	0.1985	1.71	0.34	4.17	1.54	13.8	0
CBG (%AR)	010.99	Other	189	0.2769	0.2772	0.2861	1.87	0.39	4.17	1.54	13.8	0
CBG (%AR)	010.99	Other	122	0.2651	0.2571	0.2666	1.94	0.4	4.17	1.54	13.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.2414	0.2436	0.2331	2.31	0.47	4.17	1.54	13.8	0
CBG (%AR)	010.99	Other	141	0.1848	0.1810	0.1741	3.01	0.58	4.17	1.54	13.8	0
CBG (%AR)	010.99	Other	149	0.1970	0.1830	0.1890	3.7	0.72	4.17	1.54	13.8	0
CBG (%AR)	010.99	Other	106	0.2400	0.2200	0.2100	6.84	1.37	4.17	1.54	13.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.2798	0.2523	0.3037	9.23	1.91	4.17	1.54	13.8	0
CBG (%AR)	010.99	Other	197	0.0897	0.1143	0.1161	13.8	2.48	4.17	1.54	13.8	0
		CBGA (%AR)										
CBGA (%AR)	011.99	Other	106	0.1800	0.1800	0.1800	0	0	2.57	0	5.61	0
CBGA (%AR)	011.99	Other	196	0.1883	0.1873	0.1925	1.46	0.28	2.57	0	5.61	0
CBGA (%AR)	011.99	Other	189	0.2130	0.2078	0.2081	1.39	0.28	2.57	0	5.61	0
CBGA (%AR)	011.99	Other	173	0.1710	0.1660	0.1690	1.49	0.29	2.57	0	5.61	0
CBGA (%AR)	011.99	Other	122	0.2264	0.2204	0.2261	1.51	0.3	2.57	0	5.61	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.2119	0.2150	0.2062	2.12	0.42	2.57	0	5.61	0
CBGA (%AR)	011.99	Other	197	0.2000	0.1911	0.2039	3.31	0.65	2.57	0	5.61	0
CBGA (%AR)	011.99	Other	141	0.1321	0.1280	0.1376	3.63	0.67	2.57	0	5.61	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.2593	0.2350	0.2405	5.2	1.06	2.57	0	5.61	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.99	Other	149	0.2030	0.1840	0.1850	5.61	1.1	2.57	0	5.61	0
THCV (%AR)												
THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	173	0.0000	0.0000	0.0000	0					0
THCV (%AR)	012.99	Other	197	<0.0467	<0.0493	<0.0488						1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300						1
THCV (%AR)	012.02	AOAC 2018.11, U	183	<0.0070	<0.0070	<0.0070						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)												
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	183	<0.0104	<0.0104	<0.0104						1
Δ8-THC (%AR)	013.99	Other	197	<0.0467	<0.0493	<0.0488						1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300						1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.99	Other	173	0.0000	0.0000	0.0000	0					0
Δ8-THC (%AR)	013.99	Other	213	0.1770	0.1780	0.1780	0.32	0.06				0
Δ8-THC (%AR)	013.99	Other	138	0.0520	0.0541	0.0587	6.24	1.01				0
Δ8-THC (%AR)	013.99	Other	189	0.0126	0.0090	0.0140	21.7	2.8				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		CBC (%AR)										
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.2568	0.2567	0.2520	1.07	0.22	3.02	1.07	8.72	0
CBC (%AR)	014.99	Other	196	0.2331	0.2285	0.2286	1.14	0.23	3.02	1.07	8.72	0
CBC (%AR)	014.99	Other	173	0.2310	0.2250	0.2240	1.67	0.34	3.02	1.07	8.72	0
CBC (%AR)	014.99	Other	106	0.2400	0.2500	0.2500	2.34	0.48	3.02	1.07	8.72	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2444	0.2309	0.2375	2.84	0.57	3.02	1.07	8.72	0
CBC (%AR)	014.99	Other	189	0.2971	0.2810	0.2807	3.28	0.68	3.02	1.07	8.72	0
CBC (%AR)	014.99	Other	197	0.2224	0.2138	0.2380	5.46	1.09	3.02	1.07	8.72	0
CBC (%AR)	014.99	Other	149	0.0510	0.0440	0.0440	8.72	1.38	3.02	1.07	8.72	0
		Cd (ug/g AR)										
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.04	ICP-MS	183	0.1530	0.1550	0.1560	0.99	0.19	4.3	0.99	7.09	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1416	0.1413	0.1363	2.13	0.4	4.3	0.99	7.09	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.1430	0.1370	0.1310	4.38	0.81	4.3	0.99	7.09	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.1290	0.1280	0.1180	4.87	0.89	4.3	0.99	7.09	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1560	0.1430	0.1440	4.9	0.92	4.3	0.99	7.09	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1476	0.1464	0.1621	5.75	1.09	4.3	0.99	7.09	0
Cd (ug/g AR)	101.04	ICP-MS	164	0.1388	0.1520	0.1324	7.09	1.32	4.3	0.99	7.09	0
		As (ug/g AR)										
As (ug/g AR)	102.04	ICP-MS	197	<0.0969	<0.0975	<0.0982						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	164	<0.0500	0.0669	<0.0500						1
As (ug/g AR)	102.04	ICP-MS	106	<0.0800	<0.0800	<0.0800						1
As (ug/g AR)	102.04	ICP-MS	196	<0.0482	0.0526	0.0563						1
As (ug/g AR)	102.04	ICP-MS	141	<0.0400	<0.0400	0.0400						1
As (ug/g AR)	102.04	ICP-MS	183	0.0680	0.0750	0.0780	6.97	1.18				0
As (ug/g AR)	102.04	ICP-MS	102	0.0703	0.0600	0.0509	16.1	2.64				0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0969	<0.0975	<0.0982						1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0300	<0.0300	<0.0300						1
Hg (ug/g AR)	103.04	ICP-MS	164	<0.0500	<0.0500	<0.0500						1
Hg (ug/g AR)	103.04	ICP-MS	183	0.0100	0.0100	0.0100	0	0				0
Hg (ug/g AR)	103.99	Other	102	0.0080	0.0079	0.0081	1.25	0.15				0
Hg (ug/g AR)	103.04	ICP-MS	196	0.0077	0.0076	0.0079	1.98	0.24				0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	162	<0.2000	<0.2000	0.2100						1
Pb (ug/g AR)	104.04	ICP-MS	196	0.1670	0.1590	0.1730	4.22	0.81	10.37	4.22	28.8	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.1560	0.1639	0.1501	4.42	0.84	10.37	4.22	28.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Pb (ug/g AR)	104.04	ICP-MS	106	0.1490	0.1570	0.1380	6.45	1.21	10.37	4.22	28.8	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.1509	0.1364	0.1560	6.88	1.29	10.37	4.22	28.8	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.1560	0.1840	0.1680	8.3	1.59	10.37	4.22	28.8	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.1500	0.1670	0.2150	19	3.67	10.37	4.22	28.8	0
Pb (ug/g AR)	104.04	ICP-MS	164	0.1623	0.2532	0.1549	28.8	5.62	10.37	4.22	28.8	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	12.8000	12.0000	11.5000	5.42	1.97				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	141	1.2800	1.2200	1.2500	2.4	0.62				0
Ni (ug/g AR)	106.04	ICP-MS	183	1.5100	1.3500	1.3600	6.37	1.68				0
Ni (ug/g AR)	106.04	ICP-MS	196	1.2100	1.1800	1.0400	7.94	2.03				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	141	<0.8100	<0.7980	<0.7920						1
Cr (ug/g AR)	107.04	ICP-MS	196	0.4030	0.3940	0.3950	1.24	0.27				0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	141	<0.4050	<0.3990	<0.3960						1
Se (ug/g AR)	108.04	ICP-MS	197	0.0976	<0.0975	0.1201						1
Se (ug/g AR)	108.04	ICP-MS	196	0.1160	0.1080	0.1200	5.33	0.96				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	141	59.4000	58.0000	59.1000	1.25	0.58				0
Zn (ug/g AR)	111.04	ICP-MS	196	69.5000	72.0000	76.3000	4.74	2.26				0
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241						1
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0881	0.0846	0.0829	3.11	0.54				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0324	0.0321	0.0358	6.15	0.93				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.1040	0.1000	0.1110	5.3	0.95				0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0472	0.0481	0.0513	4.41	0.7				0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0440	0.0424	0.0397	5.17	0.81				0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.0431	0.0404	0.0358	9.28	1.43				0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0175	0.0153	0.0203	14.2	1.94				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	196	<0.2520	<0.2520	<0.2520						1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0187	0.0180	0.0182	1.97	0.27				0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0199	0.0204	0.0223	6.07	0.85				0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.0248	0.0212	0.0198	11.8	1.66				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
d-Limonene (%AR)	206.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0039	<0.0039	<0.0039						1
Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	189	4.6060	4.6060	4.6060	0	0	3.36	0	11	0
Moisture (%AR)	500.99	Other	165	6.9600	6.9700	6.9800	0.14	0.05	3.36	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	106	5.9300	6.0100	6.0500	1.02	0.33	3.36	0	11	0
Moisture (%AR)	500.50	AOAC 930.15	192	8.7865	9.0468	8.8719	1.49	0.52	3.36	0	11	0
Moisture (%AR)	500.99	Other	103	5.8700	6.0900	5.8600	2.19	0.72	3.36	0	11	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.0275	9.6195	9.9447	2.19	0.77	3.36	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.5800	6.5300	6.9200	3.18	1.06	3.36	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.1600	4.8600	4.8800	3.38	1.08	3.36	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.5200	9.0600	8.8900	3.13	1.09	3.36	0	11	0
Moisture (%AR)	500.72	NIR	138	6.0000	5.8000	6.2000	3.33	1.09	3.36	0	11	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.50	AOAC 930.15	210	7.6300	7.6800	8.2000	4.03	1.37	3.36	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	162	8.0000	8.6500	7.8400	5.26	1.8	3.36	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.0300	3.1600	2.7600	6.84	2.02	3.36	0	11	0
Moisture (%AR)	500.99	Other	102	5.0000	5.7000	5.2000	6.8	2.19	3.36	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	183	10.4200	10.6500	8.6600	11	3.88	3.36	0	11	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2467	0.2425	0.2419	1.07	0.22	3.01	1.07	6.23	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.2570	0.2490	0.2460	2.27	0.46	3.01	1.07	6.23	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.2140	0.2240	0.2220	2.41	0.48	3.01	1.07	6.23	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2165	0.2130	0.2242	2.63	0.52	3.01	1.07	6.23	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.2142	0.2271	0.2239	3.03	0.61	3.01	1.07	6.23	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2212	0.2202	0.2349	3.64	0.73	3.01	1.07	6.23	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2094	0.2103	0.2246	3.97	0.79	3.01	1.07	6.23	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.2164	0.1984	0.1921	6.23	1.23	3.01	1.07	6.23	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0590	0.0582	0.0579	0.97	0.16	5.84	0.97	17.7	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.0550	0.0570	0.0550	2.07	0.34	5.84	0.97	17.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0564	0.0578	0.0601	3.22	0.53	5.84	0.97	17.7	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.0570	0.0610	0.0620	4.41	0.72	5.84	0.97	17.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0612	0.0632	0.0687	6.03	1	5.84	0.97	17.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0582	0.0482	0.0579	10.4	1.68	5.84	0.97	17.7	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0462	0.0428	0.0594	17.7	2.83	5.84	0.97	17.7	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	189	5.4367	5.4191	5.4128	0.23	0.07	2.43	0.23	4.45	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.4917	5.4746	5.6649	1.9	0.62	2.43	0.23	4.45	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.4510	5.5530	5.3270	2.08	0.67	2.43	0.23	4.45	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	5.1079	4.9566	4.8888	2.25	0.72	2.43	0.23	4.45	0
CBD (%DW)	503.10	Other LC-UV	116	5.4648	5.3033	5.7013	3.65	1.18	2.43	0.23	4.45	0
CBD (%DW)	503.10	Other LC-UV	162	5.5508	5.5126	5.1173	4.45	1.44	2.43	0.23	4.45	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	189	4.0225	4.0076	3.9978	0.31	0.1	2.69	0.31	4.63	0
CBDA (%DW)	504.01	AOAC 2018.10	210	4.9300	4.8720	4.8190	1.14	0.36	2.69	0.31	4.63	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	4.3241	4.3676	4.4878	1.93	0.6	2.69	0.31	4.63	0
CBDA (%DW)	504.10	Other LC-UV	116	3.7535	4.0156	4.0314	3.97	1.22	2.69	0.31	4.63	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	4.2468	4.0307	3.9150	4.14	1.28	2.69	0.31	4.63	0
CBDA (%DW)	504.10	Other LC-UV	162	4.0004	4.2261	3.8562	4.63	1.43	2.69	0.31	4.63	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	189	0.0556	0.0563	0.0575	1.7	0.28	3.56	1.7	12.3	0
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%DW)	505.30	GC-FID	192	0.0488	0.0492	0.0506	1.91	0.3	3.56	1.7	12.3	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0561	0.0553	0.0583	2.75	0.45	3.56	1.7	12.3	0
CBN (%DW)	505.10	Other LC-UV	162	0.0506	0.0541	0.0540	3.77	0.61	3.56	1.7	12.3	0
CBN (%DW)	505.10	Other LC-UV	192	0.0340	0.0370	0.0359	4.26	0.65	3.56	1.7	12.3	0
CBN (%DW)	505.30	GC-FID	116	0.0641	0.0598	0.0594	4.26	0.7	3.56	1.7	12.3	0
CBN (%DW)	505.10	Other LC-UV	116	0.0515	0.0627	0.0654	12.3	2.02	3.56	1.7	12.3	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.2984	0.2935	0.2928	1.03	0.22	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.40	GC-FID	192	0.2214	0.2145	0.2211	1.78	0.36	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2652	0.2694	0.2747	1.76	0.36	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.3050	0.2990	0.2940	1.84	0.38	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2503	0.2610	0.2543	2.12	0.43	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2659	0.2637	0.2768	2.61	0.54	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2640	0.2770	0.2760	2.66	0.55	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1862	0.1763	0.1788	2.85	0.55	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2431	0.2421	0.2568	3.32	0.67	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2630	0.2730	0.2520	4	0.82	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2771	0.2592	0.2567	4.21	0.86	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.2569	0.2359	0.2441	4.31	0.87	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2277	0.2140	0.2086	4.54	0.9	2.96	1.03	4.54	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2630	0.2658	0.2849	4.39	0.91	2.96	1.03	4.54	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%DW)												
Total CBD (%DW)	507.10	Other LC-UV	189	8.9644	8.9338	8.9189	0.26	0.09	2.97	0.26	4.28	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	9.7740	9.8250	9.5530	1.49	0.52	2.97	0.26	4.28	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	9.2839	9.3050	9.6007	1.89	0.66	2.97	0.26	4.28	0
Total CBD (%DW)	507.10	Other LC-UV	116	8.7567	8.8250	9.2369	2.91	1.01	2.97	0.26	4.28	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	8.8324	8.4914	8.3223	3.04	1.05	2.97	0.26	4.28	0
Total CBD (%DW)	507.40	GC-FID	138	10.1690	10.1887	10.7757	3.32	1.18	2.97	0.26	4.28	0
Total CBD (%DW)	507.10	Other LC-UV	192	7.7646	8.3285	8.1393	3.55	1.22	2.97	0.26	4.28	0
Total CBD (%DW)	507.40	GC-FID	192	7.6762	7.1079	7.5467	4	1.36	2.97	0.26	4.28	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.0592	9.2189	8.4992	4.23	1.47	2.97	0.26	4.28	0
Total CBD (%DW)	507.40	GC-FID	116	9.6090	8.8512	9.0532	4.28	1.5	2.97	0.26	4.28	0
CBDV (%DW)												
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.0380	0.0380	0.0370	1.53	0.23				0
CBDV (%DW)	508.99	Other	189	0.0321	0.0336	0.0336	2.62	0.39				0
CBDV (%DW)	508.99	Other	162	0.0396	0.0335	0.0378	8.48	1.3				0
CBDVA (%DW)												
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.0340	0.0300	0.0350	8.02	1.2				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBG (%DW)									
CBG (%DW)	510.99	Other	162	0.2323	0.2301	0.2351	1.08	0.22			0	
CBG (%DW)	510.99	Other	189	0.2903	0.2906	0.2999	1.86	0.39			0	
CBG (%DW)	510.01	AOAC 2018.10	210	0.2260	0.2380	0.2300	2.64	0.53			0	
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	189	0.2233	0.2178	0.2181	1.41	0.28			0	
CBGA (%DW)	511.99	Other	162	0.2194	0.2161	0.2076	2.84	0.56			0	
CBGA (%DW)	511.01	AOAC 2018.10	210	0.1050	0.1150	0.1200	6.74	1.22			0	
			THCV (%DW)									
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130					1	
THCV (%DW)	512.99	Other	189	<0.0050	<0.0050	<0.0050					1	
			Δ8-THC (%DW)									
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.0140	0.0140	<0.0140					1	
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100					1	
Δ8-THC (%DW)	513.99	Other	189	0.0132	0.0094	0.0147	22	2.85			0	
			CBC (%DW)									
CBC (%DW)	514.99	Other	189	0.3114	0.2946	0.2943	3.26	0.68			0	
CBC (%DW)	514.99	Other	162	0.2512	0.2707	0.2636	3.77	0.77			0	

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	

1. Flag definitions: 1 (Lab RSDr not calculated because there were less than 3 numeric lab results)
2. Statistical parameters of robust mean, minimum, and maximum for RSDr only shown only if there were 6 or more lab RSDr values.
3. AR refers to concentration on as-received basis. DW refers to concentration on dry weight basis.c