

Hemp Proficiency Testing

All Labs Precision

HM24NOV-1 (hemp)



Sample: HM24NOV-1 (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)	001.10	Other LC-UV	116	0.2423	0.2419	0.2393	0.68	0.14	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2215	0.225	0.2254	0.96	0.19	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.235	0.241	0.238	1.26	0.25	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2565	0.2487	0.2524	1.55	0.31	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2287	0.2355	0.2299	1.57	0.32	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.248	0.239	0.243	1.85	0.38	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1658	0.1724	0.1681	1.99	0.38	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.25	0.24	0.25	2.34	0.48	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.24	0.23	0.23	2.47	0.5	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	228	0.16	0.152	0.158	2.66	0.5	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.11	0.104	0.104	3.27	0.58	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2178	0.2051	0.213	3.03	0.6	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2689	0.256	0.2546	3.03	0.62	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2232	0.2203	0.2338	3.15	0.63	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.2287	0.2276	0.2152	3.35	0.67	4.01	0.68	9.23	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	144	0.2255	0.2103	0.2206	3.55	0.71	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.227	0.241	0.245	3.98	0.8	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1976	0.1813	0.1882	4.33	0.84	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2719	0.254	0.2524	4.17	0.85	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.217	0.197	0.209	4.85	0.96	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2936	0.2666	0.2726	5.11	1.06	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.2001	0.1793	0.187	5.57	1.09	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.259	0.2665	0.2869	5.33	1.1	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2309	0.2145	0.2408	5.81	1.17	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1881	0.1872	0.2078	5.99	1.17	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.2396	0.2216	0.2136	5.92	1.19	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.2305	0.2397	0.2601	6.22	1.26	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.237	0.208	0.208	7.69	1.53	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.172	0.204	0.192	8.54	1.67	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.2455	0.2127	0.2129	8.44	1.69	4.01	0.68	9.23	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.283	0.236	0.27	9.23	1.89	4.01	0.68	9.23	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	0.0564	0.059						1
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0284	0	0						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.07	0.07	0.07	0	0	4.8	0	26.9	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)	002.30	Other LC-MS	122	0.0729	0.0726	0.0727	0.21	0.04	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0648	0.0669	0.0665	1.69	0.28	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.061	0.0616	0.0638	2.37	0.39	4.8	0	26.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0688	0.0702	0.067	2.34	0.39	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.072	0.075	0.0757	2.65	0.45	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.018	0.017	0.017	3.33	0.45	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.059	0.0586	0.0558	3.02	0.49	4.8	0	26.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0773	0.0734	0.0771	2.89	0.49	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0547	0.0568	0.0582	3.11	0.51	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0687	0.0723	0.0683	3.16	0.53	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0649	0.0647	0.0684	3.15	0.53	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0749	0.0772	0.0798	3.17	0.54	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	173	0.057	0.054	0.053	3.81	0.62	4.8	0	26.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.059	0.063	0.059	3.83	0.63	4.8	0	26.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.062	0.067	0.068	4.9	0.82	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.0714	0.0723	0.0782	4.99	0.85	4.8	0	26.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0971	0.0949	0.0872	5.59	0.98	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0392	0.035	0.0399	6.97	1.07	4.8	0	26.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.08	0.071	0.073	6.33	1.07	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.063	0.055	0.059	6.78	1.11	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	197	0.0783	0.0737	0.0846	6.94	1.19	4.8	0	26.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0682	0.0678	0.0793	9.09	1.54	4.8	0	26.9	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	0.0558	0.0549	0.069	13.2	2.16	4.8	0	26.9	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0481	0.0543	0.0666	16.7	2.72	4.8	0	26.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.093	0.074	0.068	16.7	2.85	4.8	0	26.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.077	0.104	0.061	26.9	4.63	4.8	0	26.9	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	189	5.0763	5.1481	5.1139	0.7	0.22	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	163	5.4361	5.4975	5.4062	0.86	0.28	3.02	0.7	12.6	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.2632	4.1849	4.249	0.99	0.31	3.02	0.7	12.6	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	5.2183	5.0983	5.1176	1.25	0.4	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	192	4.7521	4.7	4.8265	1.34	0.42	3.02	0.7	12.6	0
CBD (%AR)	003.30	Other LC-MS	122	5.3566	5.2129	5.2847	1.36	0.44	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	106	5.76	5.64	5.56	1.78	0.58	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	149	4.633	4.46	4.566	1.92	0.6	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	144	5.0249	5.2211	5.1557	1.95	0.62	3.02	0.7	12.6	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.89	4.7026	4.7589	2.01	0.64	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	173	4.807	4.651	4.591	2.38	0.75	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	116	5.4435	5.2426	5.2208	2.32	0.75	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	196	4.9436	4.7842	4.7013	2.56	0.81	3.02	0.7	12.6	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.929	5.056	5.2015	2.69	0.86	3.02	0.7	12.6	0
CBD (%AR)	003.01	AOAC 2018.10	228	4.29	4.53	4.38	2.76	0.86	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	184	4.233	4.206	4.492	3.66	1.14	3.02	0.7	12.6	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	213	4.639	4.329	4.356	3.87	1.21	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	197	5.1353	4.8019	5.1462	3.89	1.24	3.02	0.7	12.6	0
CBD (%AR)	003.30	Other LC-MS	164	5.6701	5.4082	5.9102	4.43	1.44	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	170	4.9922	4.5136	4.8974	5.28	1.67	3.02	0.7	12.6	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.4375	4.1699	4.7589	6.62	2.08	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	183	4.9104	4.9212	5.5411	7.05	2.26	3.02	0.7	12.6	0
CBD (%AR)	003.10	Other LC-UV	141	5.3218	4.5841	4.7953	7.75	2.47	3.02	0.7	12.6	0
CBD (%AR)	003.30	Other LC-MS	149	4.439	3.471	3.79	12.6	3.89	3.02	0.7	12.6	0

CBDA (%AR)

CBDA (%AR)	004.30	Other LC-MS	122	4.7531	4.7618	4.7574	0.09	0.03	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	163	5.0527	5.1268	5.0542	0.83	0.27	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	189	4.2273	4.3138	4.2806	1.02	0.32	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	170	5.0114	4.8527	4.8556	1.85	0.59	3.84	0.09	12.8	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	4.1174	3.9306	4.0736	2.42	0.75	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	144	4.5135	4.7528	4.6261	2.59	0.82	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	173	4.337	4.154	4.122	2.76	0.86	3.84	0.09	12.8	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	4.5605	4.783	4.8645	3.32	1.05	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	192	4.2778	4.3244	4.5602	3.45	1.08	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	213	4.4	4.189	4.115	3.49	1.09	3.84	0.09	12.8	0
CBDA (%AR)	004.30	Other LC-MS	164	6.8501	7.046	7.3094	3.26	1.1	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	184	4.035	4.068	4.33	3.9	1.21	3.84	0.09	12.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	106	5.11	4.89	4.71	4.09	1.3	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	197	4.3961	4.066	4.3663	4.27	1.33	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	196	4.6389	4.5554	4.2676	4.34	1.36	3.84	0.09	12.8	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	4.7748	4.6404	4.3739	4.44	1.4	3.84	0.09	12.8	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	4.8786	4.4929	4.531	4.59	1.45	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	116	4.362	4.7404	4.3885	4.7	1.47	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	149	4.614	4.192	4.365	4.83	1.51	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	141	4.831	4.2758	4.3975	6.48	2.04	3.84	0.09	12.8	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	4.3229	3.9241	4.5853	7.78	2.43	3.84	0.09	12.8	0
CBDA (%AR)	004.10	Other LC-UV	183	4.3131	4.4019	4.9659	7.76	2.44	3.84	0.09	12.8	0
CBDA (%AR)	004.30	Other LC-MS	149	4.183	3.233	3.736	12.8	3.9	3.84	0.09	12.8	0

CBN (%AR)

CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0725	<0.0478	<0.0721						1
CBN (%AR)	005.10	Other LC-UV	106	0.05	0.05	0.05	0	0	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	196	0.0361	0.0362	0.0362	0.16	0.02	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	189	0.0439	0.0445	0.0449	1.13	0.18	7.7	0	52	0
CBN (%AR)	005.20	Other LC-MS	122	0.0452	0.044	0.0446	1.35	0.21	7.7	0	52	0
CBN (%AR)	005.30	GC-FID	138	0.0484	0.0494	0.0481	1.4	0.22	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	149	0.035	0.034	0.036	2.86	0.43	7.7	0	52	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0348	0.0329	0.0353	3.69	0.56	7.7	0	52	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.10	Other LC-UV	213	0.039	0.036	0.036	4.68	0.72	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	144	0.0326	0.0349	0.0365	5.66	0.86	7.7	0	52	0
CBN (%AR)	005.30	GC-FID	116	0.0473	0.0509	0.0533	5.98	0.96	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	192	0.0302	0.035	0.0332	7.39	1.11	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	183	0.0404	0.0441	0.0475	8.07	1.27	7.7	0	52	0
CBN (%AR)	005.30	GC-FID	192	0.0281	0.0239	0.029	10.1	1.47	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	116	0.0434	0.0535	0.0525	11.2	1.79	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	173	0.052	0.044	0.042	11.5	1.82	7.7	0	52	0
CBN (%AR)	005.10	Other LC-UV	141	0.032	0.0272	0.0236	15.3	2.23	7.7	0	52	0
CBN (%AR)	005.20	Other LC-MS	149	0.051	0.032	0.034	26.8	4.12	7.7	0	52	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0981	0.0515	0.052	39.8	6.66	7.7	0	52	0
CBN (%AR)	005.30	GC-FID	163	0.0658	0.0572	0.1401	52	9.04	7.7	0	52	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2667	0.2648	0.2642	0.49	0.1	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3026	0.3052	0.2991	1.01	0.21	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2815	0.2882	0.2861	1.2	0.25	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.3017	0.2953	0.3017	1.23	0.26	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.3201	0.3123	0.3162	1.23	0.26	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2891	0.297	0.2886	1.62	0.34	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.289	0.3	0.298	1.98	0.41	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.298	0.2864	0.2895	2.06	0.43	3.97	0.49	9.74	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)	006.40	GC-FID	116	0.3154	0.316	0.303	2.36	0.5	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.3082	0.2948	0.3062	2.39	0.5	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2823	0.269	0.2789	2.5	0.52	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2889	0.298	0.3038	2.53	0.53	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.3701	0.352	0.3601	2.51	0.54	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	213	0.125	0.119	0.118	3.14	0.57	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3485	0.3603	0.3387	3.1	0.66	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2804	0.279	0.2642	3.27	0.67	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.3406	0.3186	0.3266	3.39	0.72	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2885	0.2697	0.2741	3.54	0.73	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2492	0.2629	0.2669	3.57	0.73	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3901	0.4097	0.3825	3.56	0.78	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2481	0.2291	0.2323	4.3	0.87	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.50	GC-MS	230	0.3154	0.3071	0.2907	4.13	0.87	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.2319	0.212	0.2233	4.49	0.9	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.242	0.266	0.255	4.72	0.96	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.3709	0.34	0.3497	4.47	0.96	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.272	0.245	0.261	5.24	1.07	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2707	0.259	0.2431	5.38	1.1	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.293	0.303	0.3287	5.97	1.25	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.3188	0.326	0.3564	5.98	1.27	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1907	0.1724	0.1681	6.78	1.31	3.97	0.49	9.74	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)	006.03	AOAC 2018.11, M	139	0.2731	0.2621	0.2992	6.85	1.42	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.3306	0.2959	0.2893	7.27	1.52	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1253	0.1236	0.1451	9.1	1.68	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.305	0.299	0.261	8.28	1.72	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.247	0.206	0.243	9.74	1.96	3.97	0.49	9.74	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.364	0.301	0.33	9.51	2.02	3.97	0.49	9.74	0

Total CBD (%AR)												
Total CBD (%AR)	007.40	GC-FID	192	4.4936	4.5003	4.4642	0.43	0.13	2.79	0.43	12.2	0
Total CBD (%AR)	007.30	Other LC-MS	122	9.525	9.389	9.457	0.72	0.25	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	189	8.7836	8.9313	8.868	0.84	0.29	2.79	0.43	12.2	0
Total CBD (%AR)	007.40	GC-FID	163	9.4925	9.6731	9.5669	0.95	0.33	2.79	0.43	12.2	0
Total CBD (%AR)	007.40	GC-FID	169	8.641	8.651	8.854	1.38	0.48	2.79	0.43	12.2	0
Total CBD (%AR)	007.40	GC-FID	138	10.0498	10.3204	10.3038	1.48	0.53	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	116	9.2689	9.3999	9.0695	1.8	0.63	2.79	0.43	12.2	0
Total CBD (%AR)	007.40	GC-FID	170	8.461	8.7914	8.5541	1.98	0.69	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	192	8.5037	8.4926	8.8258	2.2	0.76	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.9841	9.3903	9.2137	2.21	0.77	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	173	8.611	8.294	8.206	2.54	0.88	2.79	0.43	12.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	9.4969	9.0386	9.0913	2.72	0.95	2.79	0.43	12.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	9.0775	8.7722	8.5948	2.77	0.96	2.79	0.43	12.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.9286	9.2507	9.4677	2.94	1.03	2.79	0.43	12.2	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)	007.10	Other LC-UV	149	8.68	8.136	8.394	3.24	1.12	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	196	9.0119	8.7793	8.444	3.26	1.13	2.79	0.43	12.2	0
Total CBD (%AR)	007.40	GC-FID	116	10.3055	9.8146	9.6463	3.45	1.22	2.79	0.43	12.2	0
Total CBD (%AR)	007.30	Other LC-MS	164	11.6776	11.5876	12.3205	3.37	1.22	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	197	8.9906	8.3678	8.9754	4.05	1.4	2.79	0.43	12.2	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	8.2287	7.6113	8.7802	7.13	2.45	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	141	9.5586	8.334	8.6519	7.18	2.5	2.79	0.43	12.2	0
Total CBD (%AR)	007.10	Other LC-UV	183	8.69	8.78	9.9	7.39	2.58	2.79	0.43	12.2	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.107	6.3606	7.067	12.2	4.12	2.79	0.43	12.2	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0483	<0.0478	<0.0481						1
CBDV (%AR)	008.99	Other	173	0.118	0.115	0.111	3.06	0.55	6.05	3.06	10.8	0
CBDV (%AR)	008.99	Other	196	0.0274	0.0269	0.0254	3.92	0.57	6.05	3.06	10.8	0
CBDV (%AR)	008.99	Other	189	0.0352	0.0344	0.0326	3.91	0.59	6.05	3.06	10.8	0
CBDV (%AR)	008.99	Other	149	0.034	0.03	0.031	6.57	0.98	6.05	3.06	10.8	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.0379	0.041	0.0445	8.03	1.25	6.05	3.06	10.8	0
CBDV (%AR)	008.99	Other	106	0.05	0.05	0.06	10.8	1.75	6.05	3.06	10.8	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	197	<0.0483	<0.0478	<0.0721						1
CBDVA (%AR)	009.99	Other	196	0.045	0.0458	0.0432	2.98	0.47				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDVA (%AR)	009.99	Other	149	0.05	0.044	0.046	6.55	1.04				0
CBDVA (%AR)	009.99	Other	173	0.056	0.051	0.049	6.93	1.12				0
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.051	0.07	0.059	15.9	2.61				0

CBG (%AR)

CBG (%AR)	010.99	Other	197	<0.0725	<0.0718	0.0788						1
CBG (%AR)	010.99	Other	122	0.1866	0.1815	0.184	1.39	0.27	5.98	1.39	28.7	0
CBG (%AR)	010.99	Other	149	0.146	0.135	0.141	3.92	0.73	5.98	1.39	28.7	0
CBG (%AR)	010.99	Other	173	0.209	0.195	0.195	4.05	0.8	5.98	1.39	28.7	0
CBG (%AR)	010.99	Other	196	0.1581	0.1508	0.1443	4.57	0.86	5.98	1.39	28.7	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.1727	0.1694	0.187	5.3	1.02	5.98	1.39	28.7	0
CBG (%AR)	010.99	Other	106	0.17	0.16	0.15	6.25	1.19	5.98	1.39	28.7	0
CBG (%AR)	010.99	Other	141	0.1288	0.1094	0.1264	8.7	1.59	5.98	1.39	28.7	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.2294	0.1942	0.2215	8.59	1.71	5.98	1.39	28.7	0
CBG (%AR)	010.99	Other	189	0.1268	0.2215	0.2207	28.7	5.61	5.98	1.39	28.7	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	122	0.2033	0.2025	0.2029	0.2	0.04	4.82	0.2	9.53	0
CBGA (%AR)	011.99	Other	173	0.172	0.171	0.174	0.89	0.17	4.82	0.2	9.53	0
CBGA (%AR)	011.99	Other	189	0.2007	0.1973	0.195	1.45	0.29	4.82	0.2	9.53	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.2556	0.2364	0.2382	4.36	0.88	4.82	0.2	9.53	0
CBGA (%AR)	011.99	Other	196	0.205	0.1992	0.1847	5.33	1.05	4.82	0.2	9.53	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	0.165	0.184	0.185	6.33	1.22	4.82	0.2	9.53	0
CBGA (%AR)	011.99	Other	106	0.19	0.19	0.17	6.3	1.22	4.82	0.2	9.53	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.2071	0.2081	0.2313	6.35	1.26	4.82	0.2	9.53	0
CBGA (%AR)	011.99	Other	197	0.1932	0.1818	0.2106	7.43	1.46	4.82	0.2	9.53	0
CBGA (%AR)	011.99	Other	141	0.1378	0.1196	0.1442	9.53	1.77	4.82	0.2	9.53	0

THCV (%AR)

THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	197	<0.0483	<0.0478	<0.0481						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	173	0	0	0						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.99	Other	173	0	0	0						1
Δ8-THC (%AR)	013.99	Other	197	<0.0483	<0.0478	<0.0481						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)	013.02	AOAC 2018.11, U	183	<0.0104	<0.0104	<0.0104						1
Δ8-THC (%AR)	013.99	Other	138	0.0546	0.057	0.0554	2.2	0.36				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%AR)	013.99	Other	213	0.174	0.167	0.166	2.58	0.5				0
Δ8-THC (%AR)	013.01	AOAC 2018.10	228	0.0599	0.0638	0.0622	3.16	0.52				0
Δ8-THC (%AR)	013.99	Other	189	0.0099	0.0081	0.1303	142	22.61				0

CBC (%AR)

CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2372	0.2348	0.2329	0.92	0.18	4.42	0.92	9.42	0
CBC (%AR)	014.99	Other	106	0.25	0.24	0.24	2.37	0.48	4.42	0.92	9.42	0
CBC (%AR)	014.99	Other	173	0.223	0.214	0.212	2.71	0.54	4.42	0.92	9.42	0
CBC (%AR)	014.99	Other	196	0.2377	0.2279	0.2255	2.81	0.56	4.42	0.92	9.42	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.2438	0.2461	0.2623	4.02	0.82	4.42	0.92	9.42	0
CBC (%AR)	014.99	Other	149	0.218	0.197	0.208	5.06	1	4.42	0.92	9.42	0
CBC (%AR)	014.99	Other	197	0.2213	0.2086	0.2442	8.03	1.61	4.42	0.92	9.42	0
CBC (%AR)	014.99	Other	189	0.2708	0.2725	0.3185	9.42	1.96	4.42	0.92	9.42	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	102	0.1978	0.1922	0.1974	1.6	0.31	3.9	1.6	7.3	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.2174	0.2253	0.2194	1.86	0.37	3.9	1.6	7.3	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.222	0.213	0.212	2.55	0.51	3.9	1.6	7.3	0
Cd (ug/g AR)	101.04	ICP-MS	162	0.2252	0.2237	0.2358	2.89	0.58	3.9	1.6	7.3	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.169	0.158	0.165	3.39	0.65	3.9	1.6	7.3	0
Cd (ug/g AR)	101.04	ICP-MS	164	0.2145	0.2168	0.1951	5.71	1.13	3.9	1.6	7.3	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.232	0.208	0.212	5.92	1.18	3.9	1.6	7.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Cd (ug/g AR)	101.04	ICP-MS	141	0.235	0.221	0.203	7.3	1.46	3.9	1.6	7.3	0
As (ug/g AR)												
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	106	0.089	0.09	0.086	2.36	0.41	6.24	2.36	13.1	0
As (ug/g AR)	102.04	ICP-MS	196	0.102	0.107	0.11	3.8	0.68	6.24	2.36	13.1	0
As (ug/g AR)	102.04	ICP-MS	183	0.142	0.15	0.154	4.11	0.77	6.24	2.36	13.1	0
As (ug/g AR)	102.04	ICP-MS	164	0.0927	0.0846	0.0906	4.71	0.82	6.24	2.36	13.1	0
As (ug/g AR)	102.04	ICP-MS	141	0.08	0.093	0.082	8.24	1.43	6.24	2.36	13.1	0
As (ug/g AR)	102.04	ICP-MS	197	0.1177	0.1056	0.1	8.39	1.51	6.24	2.36	13.1	0
As (ug/g AR)	102.04	ICP-MS	102	0.0773	0.0903	0.1007	13.1	2.29	6.24	2.36	13.1	0
Hg (ug/g AR)												
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						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	197	<0.0956	<0.0963	<0.0984						1
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072						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	106	<0.0080	<0.0080	<0.0080						1
Hg (ug/g AR)	103.99	Other	102	0.0087	0.0083	0.0074	8.19	1				0
Hg (ug/g AR)	103.04	ICP-MS	183	0.006	0.004	0.005	20	2.26				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)									
Pb (ug/g AR)	104.04	ICP-MS	141	0.27	0.278	0.265	2.42	0.5	8.41	2.42	18.5	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.268	0.281	0.264	3.28	0.68	8.41	2.42	18.5	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.273	0.292	0.287	3.47	0.72	8.41	2.42	18.5	0
Pb (ug/g AR)	104.04	ICP-MS	164	0.2688	0.2494	0.2562	3.81	0.78	8.41	2.42	18.5	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.26	0.2949	0.3112	9.06	1.88	8.41	2.42	18.5	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.249	0.214	0.261	10.1	2.05	8.41	2.42	18.5	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.3235	0.393	0.284	16.5	3.52	8.41	2.42	18.5	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.2138	0.232	0.3013	18.5	3.77	8.41	2.42	18.5	0
			Cu (ug/g AR)									
Cu (ug/g AR)	105.04	ICP-MS	196	13.7	13.3	13.5	1.48	0.55				0
			Ni (ug/g AR)									
Ni (ug/g AR)	106.04	ICP-MS	183	1.79	1.82	1.89	2.8	0.77				0
Ni (ug/g AR)	106.04	ICP-MS	141	1.71	1.8	1.9	5.27	1.44				0
Ni (ug/g AR)	106.04	ICP-MS	196	1.52	1.43	1.78	11.5	3.09				0
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	141	1.29	1.23	1.02	12	3.09				0
Cr (ug/g AR)	107.04	ICP-MS	196	0.698	0.916	0.871	13.9	3.38				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		Se (ug/g AR)										
Se (ug/g AR)	108.04	ICP-MS	141	<0.4030	<0.4000	<0.3980						1
Se (ug/g AR)	108.04	ICP-MS	196	0.16	0.164	0.177	5.32	1.02				0
Se (ug/g AR)	108.04	ICP-MS	197	0.1741	0.1514	0.1225	17.3	3.26				0
		Zn (ug/g AR)										
Zn (ug/g AR)	111.04	ICP-MS	141	63.8	62.9	62.7	0.93	0.43				0
Zn (ug/g AR)	111.04	ICP-MS	196	90	81.2	78.3	7.33	3.56				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	162	0.0363	0.0353	0.0328	5.18	0.78				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.1047	0.1013	0.089	8.4	1.49				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.11	0.114	0.129	8.51	1.55				0
		beta-Caryophyllene (%AR)										
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0545	0.0567	0.057	2.43	0.4				0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.0469	0.0472	0.045	2.57	0.41				0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0523	0.051	0.044	9.09	1.45				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0158	<0.0158	<0.0158						1
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0164	0.0146	0.0162	6.27	0.84				0
Geraniol (%AR)												
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
Geraniol (%AR)	204.02	GC,MS	196	<0.2520	<0.2520	<0.2520						1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0226	0.0233	0.0241	3.22	0.46				0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.0265	0.0243	0.0243	5.07	0.73				0
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0225	0.0217	0.0198	6.5	0.91				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

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

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		alpha-Terpinene (%AR)										
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
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
		gamma-Terpinene (%AR)										
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
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
		alpha-Terpinolene (%AR)										
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	183	<0.0020	<0.0020	<0.0020						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	4.94	4.94	4.94	0	0	3.59	0	18.2	0
Moisture (%AR)	500.70	Commerc. Anal.	196	7.45	7.4	7.46	0.43	0.15	3.59	0	18.2	0
Moisture (%AR)	500.99	Other	165	7.68	7.78	7.68	0.75	0.25	3.59	0	18.2	0
Moisture (%AR)	500.72	NIR	138	6.7	6.7	6.8	0.86	0.29	3.59	0	18.2	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.59	5.61	5.49	1.16	0.37	3.59	0	18.2	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.6236	9.8366	9.5733	1.44	0.51	3.59	0	18.2	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	199	10.482	10.2563	10.1953	1.46	0.52	3.59	0	18.2	0
Moisture (%AR)	500.99	Other	103	6.6	6.8	6.62	1.65	0.55	3.59	0	18.2	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.42	6.7	6.56	2.13	0.71	3.59	0	18.2	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.61	8.91	9.8	4.97	1.74	3.59	0	18.2	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.62	3.14	3.34	7.16	2.15	3.59	0	18.2	0
Moisture (%AR)	500.99	Other	102	5.7	6.5	6	6.66	2.19	3.59	0	18.2	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.21	9.045	9.335	6.59	2.29	3.59	0	18.2	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.01	9.05	10.26	12.4	4.32	3.59	0	18.2	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.95	10.64	7.37	18.2	6.34	3.59	0	18.2	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2566	0.2561	0.2533	0.7	0.14	3.75	0.7	8.69	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.249	0.258	0.253	1.78	0.36	3.75	0.7	8.69	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.257	0.249	0.246	2.27	0.46	3.75	0.7	8.69	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2418	0.2495	0.2532	2.34	0.48	3.75	0.7	8.69	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2536	0.2685	0.2728	3.8	0.78	3.75	0.7	8.69	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2725	0.2803	0.3018	5.33	1.11	3.75	0.7	8.69	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.2565	0.2378	0.2287	5.88	1.19	3.75	0.7	8.69	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.2336	0.2576	0.2781	8.69	1.77	3.75	0.7	8.69	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
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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	
Δ9-THCA (%DW)	502.01	AOAC 2018.10	228	0.0511	0.0503	0.0499	1.21	0.19	4.94	1.21	13.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0727	0.0765	0.0723	3.14	0.53	4.94	1.21	13.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0811	0.0836	0.0864	3.17	0.55	4.94	1.21	13.2	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.075	0.072	0.07	3.48	0.59	4.94	1.21	13.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0696	0.0756	0.0718	4.2	0.71	4.94	1.21	13.2	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.066	0.072	0.072	4.95	0.83	4.94	1.21	13.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0718	0.0714	0.0835	9.1	1.55	4.94	1.21	13.2	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0597	0.0589	0.0739	13.2	2.18	4.94	1.21	13.2	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	189	5.3401	5.4156	5.3796	0.7	0.23	2.4	0.7	4.92	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	5.2355	5.0457	5.0963	1.92	0.61	2.4	0.7	4.92	0
CBD (%DW)	503.10	Other LC-UV	116	5.764	5.5512	5.5281	2.32	0.75	2.4	0.7	4.92	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.484	5.241	5.451	2.44	0.79	2.4	0.7	4.92	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.5062	5.6338	5.792	2.54	0.82	2.4	0.7	4.92	0
CBD (%DW)	503.10	Other LC-UV	162	5.6654	5.1356	5.3746	4.92	1.59	2.4	0.7	4.92	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	189	4.4469	4.538	4.5031	1.02	0.32	3.21	1.02	5.53	0
CBDA (%DW)	504.01	AOAC 2018.10	228	3.902	3.845	3.801	1.32	0.4	3.21	1.02	5.53	0
CBDA (%DW)	504.01	AOAC 2018.10	210	5.978	5.804	5.714	2.3	0.75	3.21	1.02	5.53	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	5.0945	5.3296	5.4168	3.16	1.02	3.21	1.02	5.53	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.02	AOAC 2018.11, U	103	5.1122	4.979	4.684	4.45	1.42	3.21	1.02	5.53	0
CBDA (%DW)	504.10	Other LC-UV	116	4.6188	5.0195	4.6469	4.7	1.49	3.21	1.02	5.53	0
CBDA (%DW)	504.10	Other LC-UV	162	5.0738	4.565	4.6956	5.53	1.75	3.21	1.02	5.53	0

CBN (%DW)

CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	189	0.0461	0.0468	0.0472	1.19	0.19	7.2	1.19	11.2	0
CBN (%DW)	505.30	GC-FID	116	0.0501	0.0539	0.0564	5.93	0.96	7.2	1.19	11.2	0
CBN (%DW)	505.10	Other LC-UV	192	0.0334	0.0388	0.0367	7.5	1.14	7.2	1.19	11.2	0
CBN (%DW)	505.10	Other LC-UV	162	0.0493	0.0456	0.0426	7.32	1.16	7.2	1.19	11.2	0
CBN (%DW)	505.30	GC-FID	192	0.0311	0.0265	0.032	9.88	1.46	7.2	1.19	11.2	0
CBN (%DW)	505.10	Other LC-UV	116	0.0459	0.0566	0.0556	11.2	1.81	7.2	1.19	11.2	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3204	0.3232	0.3167	1.02	0.22	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.3018	0.309	0.3067	1.2	0.25	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.307	0.321	0.316	2.25	0.48	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.334	0.3346	0.3208	2.37	0.5	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.3129	0.3228	0.329	2.53	0.53	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.32	0.305	0.317	2.53	0.53	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.323	0.312	0.307	2.61	0.55	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.3089	0.2894	0.2935	3.46	0.72	3.77	1.02	8.97	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 (%DW)	506.02	AOAC 2018.11, U	199	0.2755	0.2904	0.2947	3.51	0.73	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2702	0.2518	0.2562	3.7	0.76	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.3354	0.3429	0.375	5.99	1.28	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.211	0.1912	0.1859	6.75	1.32	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2946	0.3239	0.3411	7.35	1.55	3.77	1.02	8.97	0
Total Δ9-THC (%DW)	506.40	GC-FID	192	0.1386	0.1371	0.1604	8.97	1.68	3.77	1.02	8.97	0

Total CBD (%DW)

Total CBD (%DW)	507.40	GC-FID	192	4.9721	4.9913	4.9368	0.56	0.18	2.64	0.56	33.3	0
Total CBD (%DW)	507.10	Other LC-UV	189	9.24	9.3954	9.3288	0.84	0.29	2.64	0.56	33.3	0
Total CBD (%DW)	507.40	GC-FID	138	10.7753	11.0655	11.0477	1.48	0.53	2.64	0.56	33.3	0
Total CBD (%DW)	507.10	Other LC-UV	116	9.8146	9.9533	9.6034	1.8	0.64	2.64	0.56	33.3	0
Total CBD (%DW)	507.10	Other LC-UV	192	9.4092	9.4191	9.7601	2.1	0.74	2.64	0.56	33.3	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	9.719	9.4123	9.2041	2.74	0.96	2.64	0.56	33.3	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	9.9741	10.3079	10.5425	2.78	0.99	2.64	0.56	33.3	0
Total CBD (%DW)	507.40	GC-FID	116	10.9123	10.3924	10.2142	3.45	1.23	2.64	0.56	33.3	0
Total CBD (%DW)	507.10	Other LC-UV	162	10.1152	9.1391	9.4926	5.16	1.81	2.64	0.56	33.3	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	10.727	10.331	5.451	33.3	11.55	2.64	0.56	33.3	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	189	0.037	0.0362	0.0343	3.87	0.59				0
CBDV (%DW)	508.99	Other	162	0.0391	0.0418	0.0392	3.82	0.59				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.039	0.043	0.04	5.12	0.79				0
CBDVA (%DW)												
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.044	0.039	0.042	6.04	0.94				0
CBG (%DW)												
CBG (%DW)	510.99	Other	162	0.1727	0.1635	0.1702	2.82	0.54				0
CBG (%DW)	510.01	AOAC 2018.10	210	0.183	0.174	0.17	3.79	0.73				0
CBG (%DW)	510.99	Other	189	0.1334	0.233	0.2322	28.7	5.65				0
CBGA (%DW)												
CBGA (%DW)	511.99	Other	162	0.2371	0.2359	0.236	0.28	0.06				0
CBGA (%DW)	511.99	Other	189	0.2111	0.2076	0.2051	1.45	0.29				0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.13	0.112	0.117	7.76	1.42				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)	513.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.015	0.014	0.014	4.03	0.53				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%DW)	513.99	Other	189	0.0104	0.0085	0.1371	142	22.8				0
CBC (%DW)												
CBC (%DW)	514.99	Other	162	0.2514	0.2544	0.2662	3.04	0.62				0
CBC (%DW)	514.99	Other	189	0.2849	0.2867	0.3351	9.42	1.97				0

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