

Hemp Proficiency Testing

All Labs Trueness

HM24NOV-1 (hemp)



Sample: HM24NOV-1 (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	0.11	0.104	0.104	0.106	-3.86	0.2258	31	0.031	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	228	0.16	0.152	0.158	0.157	-2.23	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1658	0.1724	0.1681	0.169	-1.84	0.2258	31	0.031	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.172	0.204	0.192	0.189	-1.18	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1976	0.1813	0.1882	0.189	-1.19	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.2001	0.1793	0.187	0.189	-1.19	0.2258	31	0.031	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1881	0.1872	0.2078	0.194	-1.01	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.217	0.197	0.209	0.208	-0.58	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2178	0.2051	0.213	0.212	-0.45	0.2258	31	0.031	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.237	0.208	0.208	0.218	-0.26	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2255	0.2103	0.2206	0.219	-0.23	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2215	0.225	0.2254	0.224	-0.06	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.2287	0.2276	0.2152	0.224	-0.06	0.2258	31	0.031	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.2455	0.2127	0.2129	0.224	-0.07	0.2258	31	0.031	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	103	0.2396	0.2216	0.2136	0.225	-0.03	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2232	0.2203	0.2338	0.226	0	0.2258	31	0.031	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2309	0.2145	0.2408	0.229	0.1	0.2258	31	0.031	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2287	0.2355	0.2299	0.231	0.18	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.24	0.23	0.23	0.233	0.24	0.2258	31	0.031	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.227	0.241	0.245	0.238	0.38	0.2258	31	0.031	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.235	0.241	0.238	0.238	0.39	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2423	0.2419	0.2393	0.241	0.5	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.2305	0.2397	0.2601	0.243	0.57	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.248	0.239	0.243	0.243	0.57	0.2258	31	0.031	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.25	0.24	0.25	0.247	0.67	0.2258	31	0.031	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2565	0.2487	0.2524	0.253	0.86	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2719	0.254	0.2524	0.259	1.09	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2689	0.256	0.2546	0.26	1.1	0.2258	31	0.031	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.283	0.236	0.27	0.263	1.2	0.2258	31	0.031	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.259	0.2665	0.2869	0.271	1.45	0.2258	31	0.031	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2936	0.2666	0.2726	0.278	1.67	0.2258	31	0.031	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)	002.10	Other LC-UV	213	0.018	0.017	0.017	0.0173	-4.57	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0284	0	0	0.0284					2

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	0.0392	0.035	0.0399	0.038	-2.66	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	0.0564	0.059	0.0551	-1.08	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	173	0.057	0.054	0.053	0.0547	-1.12	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0481	0.0543	0.0666	0.0563	-0.97	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0547	0.0568	0.0582	0.0566	-0.95	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.059	0.0586	0.0558	0.0578	-0.83	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.063	0.055	0.059	0.059	-0.72	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0558	0.0549	0.069	0.0599	-0.64	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.059	0.063	0.059	0.0603	-0.6	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.061	0.0616	0.0638	0.0621	-0.43	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.062	0.067	0.068	0.0657	-0.11	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0648	0.0669	0.0665	0.0661	-0.07	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0649	0.0647	0.0684	0.066	-0.07	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0688	0.0702	0.067	0.0687	0.17	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.07	0.07	0.07	0.07	0.29	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0687	0.0723	0.0683	0.0698	0.27	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0682	0.0678	0.0793	0.0718	0.46	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0729	0.0726	0.0727	0.0727	0.55	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.072	0.075	0.0757	0.0742	0.69	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.0714	0.0723	0.0782	0.074	0.66	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.08	0.071	0.073	0.0747	0.73	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0773	0.0734	0.0771	0.0759	0.84	0.0668	28	0.0108	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	165	0.0749	0.0772	0.0798	0.0773	0.97	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.093	0.074	0.068	0.0783	1.06	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	197	0.0783	0.0737	0.0846	0.0789	1.11	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.077	0.104	0.061	0.0807	1.28	0.0668	28	0.0108	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0971	0.0949	0.0872	0.0931	2.43	0.0668	28	0.0108	0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	149	4.439	3.471	3.79	3.9	-2.07	4.88	24	0.4733	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.2632	4.1849	4.249	4.23	-1.37	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	184	4.233	4.206	4.492	4.31	-1.2	4.88	24	0.4733	0
CBD (%AR)	003.01	AOAC 2018.10	228	4.29	4.53	4.38	4.4	-1.01	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	213	4.639	4.329	4.356	4.44	-0.93	4.88	24	0.4733	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.4375	4.1699	4.7589	4.46	-0.9	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	149	4.633	4.46	4.566	4.55	-0.69	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	173	4.807	4.651	4.591	4.68	-0.42	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	192	4.7521	4.7	4.8265	4.76	-0.25	4.88	24	0.4733	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.89	4.7026	4.7589	4.78	-0.2	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	170	4.9922	4.5136	4.8974	4.8	-0.17	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	196	4.9436	4.7842	4.7013	4.81	-0.15	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	141	5.3218	4.5841	4.7953	4.9	0.04	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	197	5.1353	4.8019	5.1462	5.03	0.31	4.88	24	0.4733	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.929	5.056	5.2015	5.06	0.38	4.88	24	0.4733	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	189	5.0763	5.1481	5.1139	5.11	0.49	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	183	4.9104	4.9212	5.5411	5.12	0.52	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	144	5.0249	5.2211	5.1557	5.13	0.54	4.88	24	0.4733	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	5.2183	5.0983	5.1176	5.14	0.56	4.88	24	0.4733	0
CBD (%AR)	003.30	Other LC-MS	122	5.3566	5.2129	5.2847	5.28	0.86	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	116	5.4435	5.2426	5.2208	5.3	0.89	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	163	5.4361	5.4975	5.4062	5.45	1.2	4.88	24	0.4733	0
CBD (%AR)	003.10	Other LC-UV	106	5.76	5.64	5.56	5.65	1.63	4.88	24	0.4733	0
CBD (%AR)	003.30	Other LC-MS	164	5.6701	5.4082	5.9102	5.66	1.65	4.88	24	0.4733	0

CBDA (%AR)

CBDA (%AR)	004.30	Other LC-MS	149	4.183	3.233	3.736	3.72	-2.32	4.4971	23	0.3355	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	4.1174	3.9306	4.0736	4.04	-1.36	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	184	4.035	4.068	4.33	4.14	-1.05	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	173	4.337	4.154	4.122	4.2	-0.87	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	213	4.4	4.189	4.115	4.23	-0.78	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	189	4.2273	4.3138	4.2806	4.27	-0.67	4.4971	23	0.3355	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	4.3229	3.9241	4.5853	4.28	-0.65	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	197	4.3961	4.066	4.3663	4.28	-0.66	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	192	4.2778	4.3244	4.5602	4.39	-0.33	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	149	4.614	4.192	4.365	4.39	-0.32	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	196	4.6389	4.5554	4.2676	4.49	-0.03	4.4971	23	0.3355	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	116	4.362	4.7404	4.3885	4.5	0	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	141	4.831	4.2758	4.3975	4.5	0.01	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	183	4.3131	4.4019	4.9659	4.56	0.19	4.4971	23	0.3355	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	4.7748	4.6404	4.3739	4.6	0.3	4.4971	23	0.3355	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	4.8786	4.4929	4.531	4.63	0.41	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	144	4.5135	4.7528	4.6261	4.63	0.4	4.4971	23	0.3355	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	4.5605	4.783	4.8645	4.74	0.71	4.4971	23	0.3355	0
CBDA (%AR)	004.30	Other LC-MS	122	4.7531	4.7618	4.7574	4.76	0.78	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	106	5.11	4.89	4.71	4.9	1.21	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	170	5.0114	4.8527	4.8556	4.91	1.22	4.4971	23	0.3355	0
CBDA (%AR)	004.10	Other LC-UV	163	5.0527	5.1268	5.0542	5.08	1.73	4.4971	23	0.3355	0
CBDA (%AR)	004.30	Other LC-MS	164	6.8501	7.046	7.3094	7.07	7.66	4.4971	23	0.3355	0

CBN (%AR)

CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.10	Other LC-UV	197	<0.0725	<0.0478	<0.0721	<0.0725					1
CBN (%AR)	005.30	GC-FID	192	0.0281	0.0239	0.029	0.027	-1.44	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	141	0.032	0.0272	0.0236	0.0276	-1.38	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	192	0.0302	0.035	0.0332	0.0328	-0.88	0.0419	19	0.0103	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0348	0.0329	0.0353	0.0343	-0.73	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	144	0.0326	0.0349	0.0365	0.0347	-0.7	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	149	0.035	0.034	0.036	0.035	-0.67	0.0419	19	0.0103	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	196	0.0361	0.0362	0.0362	0.0362	-0.56	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	213	0.039	0.036	0.036	0.037	-0.48	0.0419	19	0.0103	0
CBN (%AR)	005.20	Other LC-MS	149	0.051	0.032	0.034	0.039	-0.28	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	189	0.0439	0.0445	0.0449	0.0444	0.24	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	183	0.0404	0.0441	0.0475	0.044	0.2	0.0419	19	0.0103	0
CBN (%AR)	005.20	Other LC-MS	122	0.0452	0.044	0.0446	0.0446	0.26	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	173	0.052	0.044	0.042	0.046	0.4	0.0419	19	0.0103	0
CBN (%AR)	005.30	GC-FID	138	0.0484	0.0494	0.0481	0.0486	0.65	0.0419	19	0.0103	0
CBN (%AR)	005.30	GC-FID	116	0.0473	0.0509	0.0533	0.0505	0.83	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	106	0.05	0.05	0.05	0.05	0.78	0.0419	19	0.0103	0
CBN (%AR)	005.10	Other LC-UV	116	0.0434	0.0535	0.0525	0.0498	0.76	0.0419	19	0.0103	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0981	0.0515	0.052	0.0672	2.45	0.0419	19	0.0103	0
CBN (%AR)	005.30	GC-FID	163	0.0658	0.0572	0.1401	0.0877	4.43	0.0419	19	0.0103	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.10	Other LC-UV	213	0.125	0.119	0.118	0.121	-3.76	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1253	0.1236	0.1451	0.131	-3.52	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1907	0.1724	0.1681	0.177	-2.49	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.2319	0.212	0.2233	0.222	-1.47	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.247	0.206	0.243	0.232	-1.26	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2481	0.2291	0.2323	0.236	-1.16	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.242	0.266	0.255	0.254	-0.75	0.2879	36	0.0445	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	114	0.2707	0.259	0.2431	0.258	-0.68	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.272	0.245	0.261	0.259	-0.64	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2492	0.2629	0.2669	0.26	-0.63	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2667	0.2648	0.2642	0.265	-0.51	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2804	0.279	0.2642	0.275	-0.3	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2885	0.2697	0.2741	0.277	-0.23	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2823	0.269	0.2789	0.277	-0.25	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2731	0.2621	0.2992	0.278	-0.22	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2815	0.2882	0.2861	0.285	-0.06	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.305	0.299	0.261	0.288	0.01	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.298	0.2864	0.2895	0.291	0.08	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2891	0.297	0.2886	0.292	0.08	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.289	0.3	0.298	0.296	0.18	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2889	0.298	0.3038	0.297	0.2	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.3017	0.2953	0.3017	0.3	0.26	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3026	0.3052	0.2991	0.302	0.32	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.3082	0.2948	0.3062	0.303	0.34	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.50	GC-MS	230	0.3154	0.3071	0.2907	0.304	0.37	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.3306	0.2959	0.2893	0.305	0.39	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.293	0.303	0.3287	0.308	0.46	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3154	0.316	0.303	0.311	0.53	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.3201	0.3123	0.3162	0.316	0.64	0.2879	36	0.0445	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.3406	0.3186	0.3266	0.329	0.92	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.364	0.301	0.33	0.332	0.99	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.3188	0.326	0.3564	0.334	1.03	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3485	0.3603	0.3387	0.349	1.38	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.3709	0.34	0.3497	0.354	1.48	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.3701	0.352	0.3601	0.361	1.64	0.2879	36	0.0445	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3901	0.4097	0.3825	0.394	2.39	0.2879	36	0.0445	0

Total CBD (%AR)

Total CBD (%AR)	007.40	GC-FID	192	4.4936	4.5003	4.4642	4.49	-6.78	8.942	23	0.6569	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.107	6.3606	7.067	7.18	-2.69	8.942	23	0.6569	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	8.2287	7.6113	8.7802	8.21	-1.12	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	173	8.611	8.294	8.206	8.37	-0.87	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	149	8.68	8.136	8.394	8.4	-0.82	8.942	23	0.6569	0
Total CBD (%AR)	007.40	GC-FID	170	8.461	8.7914	8.5541	8.6	-0.52	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	192	8.5037	8.4926	8.8258	8.61	-0.51	8.942	23	0.6569	0
Total CBD (%AR)	007.40	GC-FID	169	8.641	8.651	8.854	8.72	-0.35	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	196	9.0119	8.7793	8.444	8.75	-0.3	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	197	8.9906	8.3678	8.9754	8.78	-0.25	8.942	23	0.6569	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	9.0775	8.7722	8.5948	8.81	-0.19	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	141	9.5586	8.334	8.6519	8.85	-0.14	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	189	8.7836	8.9313	8.868	8.86	-0.12	8.942	23	0.6569	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.10	Other LC-UV	183	8.69	8.78	9.9	9.12	0.28	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.9841	9.3903	9.2137	9.2	0.39	8.942	23	0.6569	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	9.4969	9.0386	9.0913	9.21	0.41	8.942	23	0.6569	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.9286	9.2507	9.4677	9.22	0.42	8.942	23	0.6569	0
Total CBD (%AR)	007.10	Other LC-UV	116	9.2689	9.3999	9.0695	9.25	0.46	8.942	23	0.6569	0
Total CBD (%AR)	007.30	Other LC-MS	122	9.525	9.389	9.457	9.46	0.78	8.942	23	0.6569	0
Total CBD (%AR)	007.40	GC-FID	163	9.4925	9.6731	9.5669	9.58	0.97	8.942	23	0.6569	0
Total CBD (%AR)	007.40	GC-FID	116	10.3055	9.8146	9.6463	9.92	1.49	8.942	23	0.6569	0
Total CBD (%AR)	007.40	GC-FID	138	10.0498	10.3204	10.3038	10.2	1.95	8.942	23	0.6569	0
Total CBD (%AR)	007.30	Other LC-MS	164	11.6776	11.5876	12.3205	11.9	4.44	8.942	23	0.6569	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0483	<0.0478	<0.0481	<0.0483					1
CBDV (%AR)	008.99	Other	196	0.0274	0.0269	0.0254	0.0266	-0.87	0.043	6	0.019	0
CBDV (%AR)	008.99	Other	149	0.034	0.03	0.031	0.0317	-0.6	0.043	6	0.019	0
CBDV (%AR)	008.99	Other	189	0.0352	0.0344	0.0326	0.0341	-0.47	0.043	6	0.019	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.0379	0.041	0.0445	0.0411	-0.1	0.043	6	0.019	0
CBDV (%AR)	008.99	Other	106	0.05	0.05	0.06	0.0533	0.54	0.043	6	0.019	0
CBDV (%AR)	008.99	Other	173	0.118	0.115	0.111	0.115	3.77	0.043	6	0.019	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	197	<0.0483	<0.0478	<0.0721	<0.0483					1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDVA (%AR)	009.99	Other	196	0.045	0.0458	0.0432	0.0447					0
CBDVA (%AR)	009.99	Other	149	0.05	0.044	0.046	0.0467					0
CBDVA (%AR)	009.99	Other	173	0.056	0.051	0.049	0.052					0
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.051	0.07	0.059	0.06					0

CBG (%AR)

CBG (%AR)	010.99	Other	197	<0.0725	<0.0718	0.0788	0.0744					1
CBG (%AR)	010.99	Other	141	0.1288	0.1094	0.1264	0.122	-1.45	0.1709	9	0.034	0
CBG (%AR)	010.99	Other	149	0.146	0.135	0.141	0.141	-0.89	0.1709	9	0.034	0
CBG (%AR)	010.99	Other	196	0.1581	0.1508	0.1443	0.151	-0.58	0.1709	9	0.034	0
CBG (%AR)	010.99	Other	106	0.17	0.16	0.15	0.16	-0.32	0.1709	9	0.034	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.1727	0.1694	0.187	0.176	0.16	0.1709	9	0.034	0
CBG (%AR)	010.99	Other	122	0.1866	0.1815	0.184	0.184	0.39	0.1709	9	0.034	0
CBG (%AR)	010.99	Other	189	0.1268	0.2215	0.2207	0.19	0.55	0.1709	9	0.034	0
CBG (%AR)	010.99	Other	173	0.209	0.195	0.195	0.2	0.85	0.1709	9	0.034	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.2294	0.1942	0.2215	0.215	1.3	0.1709	9	0.034	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	141	0.1378	0.1196	0.1442	0.134	-2.5	0.1927	10	0.0236	0
CBGA (%AR)	011.99	Other	173	0.172	0.171	0.174	0.172	-0.86	0.1927	10	0.0236	0
CBGA (%AR)	011.99	Other	149	0.165	0.184	0.185	0.178	-0.62	0.1927	10	0.0236	0
CBGA (%AR)	011.99	Other	106	0.19	0.19	0.17	0.183	-0.4	0.1927	10	0.0236	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)	011.99	Other	197	0.1932	0.1818	0.2106	0.195	0.11	0.1927	10	0.0236	0
CBGA (%AR)	011.99	Other	196	0.205	0.1992	0.1847	0.196	0.15	0.1927	10	0.0236	0
CBGA (%AR)	011.99	Other	189	0.2007	0.1973	0.195	0.198	0.21	0.1927	10	0.0236	0
CBGA (%AR)	011.99	Other	122	0.2033	0.2025	0.2029	0.203	0.44	0.1927	10	0.0236	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.2071	0.2081	0.2313	0.215	0.97	0.1927	10	0.0236	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.2556	0.2364	0.2382	0.243	2.15	0.1927	10	0.0236	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	<0.0483	<0.0478	<0.0481	<0.0483					1
THCV (%AR)	012.99	Other	173	0	0	0	0					2

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	<0.0483	<0.0478	<0.0481	<0.0483					1
Δ8-THC (%AR)	013.99	Other	173	0	0	0	0					2

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ8-THC (%AR)	013.99	Other	189	0.0099	0.0081	0.1303	0.0494					0
Δ8-THC (%AR)	013.99	Other	138	0.0546	0.057	0.0554	0.0557					0
Δ8-THC (%AR)	013.01	AOAC 2018.10	228	0.0599	0.0638	0.0622	0.062					0
Δ8-THC (%AR)	013.99	Other	213	0.174	0.167	0.166	0.169					0

CBC (%AR)

CBC (%AR)	014.99	Other	149	0.218	0.197	0.208	0.208	-1.23	0.2344	8	0.0216	0
CBC (%AR)	014.99	Other	173	0.223	0.214	0.212	0.216	-0.83	0.2344	8	0.0216	0
CBC (%AR)	014.99	Other	197	0.2213	0.2086	0.2442	0.225	-0.45	0.2344	8	0.0216	0
CBC (%AR)	014.99	Other	196	0.2377	0.2279	0.2255	0.23	-0.18	0.2344	8	0.0216	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2372	0.2348	0.2329	0.235	0.03	0.2344	8	0.0216	0
CBC (%AR)	014.99	Other	106	0.25	0.24	0.24	0.243	0.41	0.2344	8	0.0216	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.2438	0.2461	0.2623	0.251	0.76	0.2344	8	0.0216	0
CBC (%AR)	014.99	Other	189	0.2708	0.2725	0.3185	0.287	2.44	0.2344	8	0.0216	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	196	0.169	0.158	0.165	0.164	-3.21	0.212	8	0.015	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1978	0.1922	0.1974	0.196	-1.08	0.212	8	0.015	0
Cd (ug/g AR)	101.04	ICP-MS	164	0.2145	0.2168	0.1951	0.209	-0.21	0.212	8	0.015	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.222	0.213	0.212	0.216	0.25	0.212	8	0.015	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.232	0.208	0.212	0.217	0.36	0.212	8	0.015	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.235	0.221	0.203	0.22	0.51	0.212	8	0.015	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Cd (ug/g AR)	101.04	ICP-MS	197	0.2174	0.2253	0.2194	0.221	0.58	0.212	8	0.015	0
Cd (ug/g AR)	101.04	ICP-MS	162	0.2252	0.2237	0.2358	0.228	1.09	0.212	8	0.015	0

As (ug/g AR)

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	0.08	0.093	0.082	0.085	-0.85	0.0983	7	0.0156	0
As (ug/g AR)	102.04	ICP-MS	106	0.089	0.09	0.086	0.0883	-0.64	0.0983	7	0.0156	0
As (ug/g AR)	102.04	ICP-MS	102	0.0773	0.0903	0.1007	0.0894	-0.57	0.0983	7	0.0156	0
As (ug/g AR)	102.04	ICP-MS	164	0.0927	0.0846	0.0906	0.0893	-0.57	0.0983	7	0.0156	0
As (ug/g AR)	102.04	ICP-MS	196	0.102	0.107	0.11	0.106	0.52	0.0983	7	0.0156	0
As (ug/g AR)	102.04	ICP-MS	197	0.1177	0.1056	0.1	0.108	0.61	0.0983	7	0.0156	0
As (ug/g AR)	102.04	ICP-MS	183	0.142	0.15	0.154	0.149	3.23	0.0983	7	0.0156	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072	<0.0072					1
Hg (ug/g AR)	103.04	ICP-MS	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	<0.0956	<0.0963	<0.0984	<0.0956					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	183	0.006	0.004	0.005	0.005					0
Hg (ug/g AR)	103.99	Other	102	0.0087	0.0083	0.0074	0.0081					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)												
Pb (ug/g AR)	104.04	ICP-MS	106	0.249	0.214	0.261	0.241	-1.19	0.2716	8	0.0254	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.2138	0.232	0.3013	0.249	-0.89	0.2716	8	0.0254	0
Pb (ug/g AR)	104.04	ICP-MS	164	0.2688	0.2494	0.2562	0.258	-0.53	0.2716	8	0.0254	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.27	0.278	0.265	0.271	-0.02	0.2716	8	0.0254	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.268	0.281	0.264	0.271	-0.02	0.2716	8	0.0254	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.273	0.292	0.287	0.284	0.49	0.2716	8	0.0254	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.26	0.2949	0.3112	0.289	0.67	0.2716	8	0.0254	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.3235	0.393	0.284	0.333	2.44	0.2716	8	0.0254	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	13.7	13.3	13.5	13.5					0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	1.52	1.43	1.78	1.58					0
Ni (ug/g AR)	106.04	ICP-MS	141	1.71	1.8	1.9	1.8					0
Ni (ug/g AR)	106.04	ICP-MS	183	1.79	1.82	1.89	1.83					0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	196	0.698	0.916	0.871	0.828					0
Cr (ug/g AR)	107.04	ICP-MS	141	1.29	1.23	1.02	1.18					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	141	<0.4030	<0.4000	<0.3980	<0.4030					1
Se (ug/g AR)	108.04	ICP-MS	197	0.1741	0.1514	0.1225	0.149					0
Se (ug/g AR)	108.04	ICP-MS	196	0.16	0.164	0.177	0.167					0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	141	63.8	62.9	62.7	63.1					0
Zn (ug/g AR)	111.04	ICP-MS	196	90	81.2	78.3	83.2					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	0.0363	0.0353	0.0328	0.0348					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.1047	0.1013	0.089	0.0983					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.11	0.114	0.129	0.118					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	183	0.0469	0.0472	0.045	0.0464					0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0523	0.051	0.044	0.0491					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0545	0.0567	0.057	0.0561					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0158	<0.0158	<0.0158	<0.0158					1
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0164	0.0146	0.0162	0.0157					0
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	0.0225	0.0217	0.0198	0.0213					0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0226	0.0233	0.0241	0.0233					0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.0265	0.0243	0.0243	0.025					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

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

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
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
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	3.62	3.14	3.34	3.37	-1.98	7.4957	15	2.0879	0
Moisture (%AR)	500.70	Commerc. Anal.	189	4.94	4.94	4.94	4.94	-1.22	7.4957	15	2.0879	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.59	5.61	5.49	5.56	-0.93	7.4957	15	2.0879	0
Moisture (%AR)	500.99	Other	102	5.7	6.5	6	6.07	-0.68	7.4957	15	2.0879	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.42	6.7	6.56	6.56	-0.45	7.4957	15	2.0879	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)	500.99	Other	103	6.6	6.8	6.62	6.67	-0.39	7.4957	15	2.0879	0
Moisture (%AR)	500.72	NIR	138	6.7	6.7	6.8	6.73	-0.37	7.4957	15	2.0879	0
Moisture (%AR)	500.70	Commerc. Anal.	196	7.45	7.4	7.46	7.44	-0.03	7.4957	15	2.0879	0
Moisture (%AR)	500.99	Other	165	7.68	7.78	7.68	7.71	0.1	7.4957	15	2.0879	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.21	9.045	9.335	8.86	0.66	7.4957	15	2.0879	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.95	10.64	7.37	8.99	0.71	7.4957	15	2.0879	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.01	9.05	10.26	9.11	0.77	7.4957	15	2.0879	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.61	8.91	9.8	9.44	0.93	7.4957	15	2.0879	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.6236	9.8366	9.5733	9.68	1.05	7.4957	15	2.0879	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.482	10.2563	10.1953	10.3	1.35	7.4957	15	2.0879	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.2565	0.2378	0.2287	0.241	-1.31	0.2552	8	0.0108	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2418	0.2495	0.2532	0.248	-0.65	0.2552	8	0.0108	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.257	0.249	0.246	0.251	-0.42	0.2552	8	0.0108	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.249	0.258	0.253	0.253	-0.17	0.2552	8	0.0108	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2566	0.2561	0.2533	0.255	0.02	0.2552	8	0.0108	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.2336	0.2576	0.2781	0.256	0.12	0.2552	8	0.0108	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2536	0.2685	0.2728	0.265	0.91	0.2552	8	0.0108	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2725	0.2803	0.3018	0.285	2.76	0.2552	8	0.0108	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)									
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%DW)	502.01	AOAC 2018.10	228	0.0511	0.0503	0.0499	0.0504	-2.44	0.0713	8	0.0085	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0597	0.0589	0.0739	0.0642	-0.84	0.0713	8	0.0085	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.066	0.072	0.072	0.07	-0.15	0.0713	8	0.0085	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.075	0.072	0.07	0.0723	0.12	0.0713	8	0.0085	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0696	0.0756	0.0718	0.0723	0.12	0.0713	8	0.0085	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0727	0.0765	0.0723	0.0738	0.3	0.0713	8	0.0085	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0718	0.0714	0.0835	0.0756	0.5	0.0713	8	0.0085	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0811	0.0836	0.0864	0.0837	1.45	0.0713	8	0.0085	0
			CBD (%DW)									
CBD (%DW)	503.02	AOAC 2018.11, U	103	5.2355	5.0457	5.0963	5.13	-1.4	5.4244	6	0.2138	0
CBD (%DW)	503.10	Other LC-UV	189	5.3401	5.4156	5.3796	5.38	-0.22	5.4244	6	0.2138	0
CBD (%DW)	503.10	Other LC-UV	162	5.6654	5.1356	5.3746	5.39	-0.15	5.4244	6	0.2138	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.484	5.241	5.451	5.39	-0.15	5.4244	6	0.2138	0
CBD (%DW)	503.10	Other LC-UV	116	5.764	5.5512	5.5281	5.61	0.89	5.4244	6	0.2138	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.5062	5.6338	5.792	5.64	1.03	5.4244	6	0.2138	0
			CBDA (%DW)									
CBDA (%DW)	504.01	AOAC 2018.10	228	3.902	3.845	3.801	3.85	-1.42	4.8461	7	0.7013	0
CBDA (%DW)	504.10	Other LC-UV	189	4.4469	4.538	4.5031	4.5	-0.5	4.8461	7	0.7013	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%DW)	504.10	Other LC-UV	116	4.6188	5.0195	4.6469	4.76	-0.12	4.8461	7	0.7013	0
CBDA (%DW)	504.10	Other LC-UV	162	5.0738	4.565	4.6956	4.78	-0.1	4.8461	7	0.7013	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	5.1122	4.979	4.684	4.93	0.11	4.8461	7	0.7013	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	5.0945	5.3296	5.4168	5.28	0.62	4.8461	7	0.7013	0
CBDA (%DW)	504.01	AOAC 2018.10	210	5.978	5.804	5.714	5.83	1.41	4.8461	7	0.7013	0

CBN (%DW)

CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%DW)	505.30	GC-FID	192	0.0311	0.0265	0.032	0.0299	-1.35	0.0441	6	0.0106	0
CBN (%DW)	505.10	Other LC-UV	192	0.0334	0.0388	0.0367	0.0363	-0.74	0.0441	6	0.0106	0
CBN (%DW)	505.10	Other LC-UV	162	0.0493	0.0456	0.0426	0.0458	0.16	0.0441	6	0.0106	0
CBN (%DW)	505.10	Other LC-UV	189	0.0461	0.0468	0.0472	0.0467	0.24	0.0441	6	0.0106	0
CBN (%DW)	505.10	Other LC-UV	116	0.0459	0.0566	0.0556	0.0527	0.81	0.0441	6	0.0106	0
CBN (%DW)	505.30	GC-FID	116	0.0501	0.0539	0.0564	0.0535	0.88	0.0441	6	0.0106	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.40	GC-FID	192	0.1386	0.1371	0.1604	0.145	-4.58	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.211	0.1912	0.1859	0.196	-3.11	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2702	0.2518	0.2562	0.259	-1.26	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2755	0.2904	0.2947	0.287	-0.46	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.3089	0.2894	0.2935	0.297	-0.16	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.3018	0.309	0.3067	0.306	0.09	0.3026	14	0.0343	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.32	0.305	0.317	0.314	0.33	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.323	0.312	0.307	0.314	0.33	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.307	0.321	0.316	0.315	0.35	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3204	0.3232	0.3167	0.32	0.51	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2946	0.3239	0.3411	0.32	0.5	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.3129	0.3228	0.329	0.322	0.55	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.334	0.3346	0.3208	0.33	0.79	0.3026	14	0.0343	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.3354	0.3429	0.375	0.351	1.41	0.3026	14	0.0343	0

Total CBD (%DW)

Total CBD (%DW)	507.40	GC-FID	192	4.9721	4.9913	4.9368	4.97	-5.33	9.6589	10	0.8796	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	10.727	10.331	5.451	8.84	-0.94	9.6589	10	0.8796	0
Total CBD (%DW)	507.10	Other LC-UV	189	9.24	9.3954	9.3288	9.32	-0.38	9.6589	10	0.8796	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	9.719	9.4123	9.2041	9.45	-0.24	9.6589	10	0.8796	0
Total CBD (%DW)	507.10	Other LC-UV	192	9.4092	9.4191	9.7601	9.53	-0.15	9.6589	10	0.8796	0
Total CBD (%DW)	507.10	Other LC-UV	162	10.1152	9.1391	9.4926	9.58	-0.09	9.6589	10	0.8796	0
Total CBD (%DW)	507.10	Other LC-UV	116	9.8146	9.9533	9.6034	9.79	0.15	9.6589	10	0.8796	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	9.9741	10.3079	10.5425	10.3	0.7	9.6589	10	0.8796	0
Total CBD (%DW)	507.40	GC-FID	116	10.9123	10.3924	10.2142	10.5	0.96	9.6589	10	0.8796	0
Total CBD (%DW)	507.40	GC-FID	138	10.7753	11.0655	11.0477	11	1.48	9.6589	10	0.8796	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBDV (%DW)									
CBDV (%DW)	508.99	Other	189	0.037	0.0362	0.0343	0.0358				0	
CBDV (%DW)	508.99	Other	162	0.0391	0.0418	0.0392	0.04				0	
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.039	0.043	0.04	0.0407				0	
			CBDVA (%DW)									
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.044	0.039	0.042	0.0417				0	
			CBG (%DW)									
CBG (%DW)	510.99	Other	162	0.1727	0.1635	0.1702	0.169				0	
CBG (%DW)	510.01	AOAC 2018.10	210	0.183	0.174	0.17	0.176				0	
CBG (%DW)	510.99	Other	189	0.1334	0.233	0.2322	0.2				0	
			CBGA (%DW)									
CBGA (%DW)	511.01	AOAC 2018.10	210	0.13	0.112	0.117	0.12				0	
CBGA (%DW)	511.99	Other	189	0.2111	0.2076	0.2051	0.208				0	
CBGA (%DW)	511.99	Other	162	0.2371	0.2359	0.236	0.236				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	

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Δ8-THC (%DW)									
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.015	0.014	0.014	0.0143					0
Δ8-THC (%DW)	513.99	Other	189	0.0104	0.0085	0.1371	0.052					0
			CBC (%DW)									
CBC (%DW)	514.99	Other	162	0.2514	0.2544	0.2662	0.257					0
CBC (%DW)	514.99	Other	189	0.2849	0.2867	0.3351	0.302					0

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

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

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