

Hemp Proficiency Testing

All Labs Trueness

HM25SEP-1 (Hemp)



Sample: HM25SEP-1 (Hemp)

All Labs Trueness

Issue Date: December 3, 2025

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	0.1	0.11	0.112	0.107	-4.29	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1304	0.1153	0.1031	0.116	-3.93	0.2144	30	0.025	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1831	0.1697	0.1862	0.18	-1.39	0.2144	30	0.025	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1753	0.1883	0.1824	0.182	-1.3	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	154	0.1793	0.1922	0.18	0.184	-1.23	0.2144	30	0.025	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.202	0.195	0.184	0.194	-0.83	0.2144	30	0.025	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.1988	0.1971	0.1963	0.197	-0.68	0.2144	30	0.025	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2002	0.1948	0.1991	0.198	-0.66	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.21	0.204	0.195	0.203	-0.46	0.2144	30	0.025	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.207	0.228	0.192	0.209	-0.22	0.2144	30	0.025	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2102	0.2101	0.2104	0.21	-0.17	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2084	0.2131	0.2077	0.21	-0.19	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	164	0.2149	0.2063	0.2108	0.211	-0.15	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.2132	0.2126	0.2108	0.212	-0.09	0.2144	30	0.025	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.208	0.208	0.219	0.212	-0.11	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.2099	0.2136	0.2117	0.212	-0.11	0.2144	30	0.025	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.212	0.213	0.219	0.215	0.01	0.2144	30	0.025	0
Δ9-THC (%AR)	001.30	Other LC-MS	190	0.2151	0.214	0.2244	0.218	0.14	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2209	0.2171	0.2182	0.219	0.17	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2134	0.2258	0.2318	0.224	0.37	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2083	0.2353	0.2372	0.227	0.5	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2286	0.2287	0.2312	0.229	0.6	0.2144	30	0.025	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2376	0.2355	0.2321	0.235	0.83	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.2342	0.2343	0.2378	0.235	0.84	0.2144	30	0.025	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.239	0.232	0.2375	0.236	0.87	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2362	0.2366	0.2412	0.238	0.94	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.24	0.245	0.245	0.243	1.16	0.2144	30	0.025	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2539	0.2356	0.2443	0.245	1.21	0.2144	30	0.025	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2457	0.2607	0.2449	0.25	1.44	0.2144	30	0.025	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2677	0.2949	0.2597	0.274	2.39	0.2144	30	0.025	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210	<0.0210					1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ9-THCA (%AR)	002.10	Other LC-UV	170	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0490	<0.0490	<0.0490	<0.0490					1

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)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.30	Other LC-MS	122	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	213	<0.1000	<0.1000	<0.1000	<0.1000					1
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0215	0.0215	0.0215	0.0215	-1.43	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	173	0.022	0.022	0.02	0.0213	-1.45	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0237	0.0261	0.0287	0.0262	-0.84	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0284	0.0289	0.0248	0.0274	-0.69	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0289	0.0266	0.0271	0.0275	-0.67	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0282	0.0297	0.0266	0.0282	-0.59	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	164	0.0286	0.0281	0.028	0.0282	-0.59	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0248	0.0244	0.0393	0.0295	-0.43	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0312	0.0315	0.0274	0.03	-0.36	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.30	Other LC-MS	190	0.0315	0.0304	0.0327	0.0315	-0.17	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.032	0.0322	0.0328	0.0323	-0.07	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0339	0.0323	0.0318	0.0327	-0.03	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.037	0.032	0.031	0.0333	0.05	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0344	0.0339	0.0319	0.0334	0.06	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.034	0.034	0.034	0.034	0.13	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0343	0.0343	0.0335	0.034	0.14	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.027	0.0413	0.0422	0.0368	0.49	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.034	0.037	0.039	0.0367	0.47	0.0329	22	0.008	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	189	0.0478	0.0512	0.0515	0.0502	2.15	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.055	0.0536	0.0514	0.0533	2.55	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0689	0.0545	0.0554	0.0596	3.33	0.0329	22	0.008	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.1061	0.1019	0.1033	0.104	8.85	0.0329	22	0.008	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	192	4.936	4.0804	4.0065	4.34	-1.94	5.6342	22	0.6652	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.867	4.4323	4.7324	4.68	-1.44	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	154	4.5813	4.9473	4.8561	4.79	-1.26	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	213	5.003	4.766	4.8415	4.87	-1.15	5.6342	22	0.6652	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.625	5.3222	5.0248	4.99	-0.97	5.6342	22	0.6652	0
CBD (%AR)	003.01	AOAC 2018.10	152	5.014	5.2604	5.3348	5.2	-0.65	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	173	5.215	5.324	5.375	5.3	-0.5	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	149	5.655	5.548	5.264	5.49	-0.22	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	189	5.5063	5.497	5.5195	5.51	-0.19	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	170	5.2602	5.6633	5.7169	5.55	-0.13	5.6342	22	0.6652	0
CBD (%AR)	003.30	Other LC-MS	149	5.798	5.085	5.838	5.57	-0.09	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	142	5.8606	5.8708	5.7767	5.84	0.3	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	184	5.84	5.865	5.842	5.85	0.32	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	164	5.9642	5.8096	5.8991	5.89	0.39	5.6342	22	0.6652	0
CBD (%AR)	003.30	Other LC-MS	122	5.9032	5.9024	5.9036	5.9	0.4	5.6342	22	0.6652	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	5.9885	5.963	5.9755	5.98	0.51	5.6342	22	0.6652	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	116	6.1205	6.1692	6.0948	6.13	0.74	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	183	6.102	6.258	6.204	6.19	0.83	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	204	6.2683	6.1698	6.352	6.26	0.95	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	106	6.3172	6.251	6.3807	6.32	1.03	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	144	6.5607	6.4754	6.369	6.47	1.25	5.6342	22	0.6652	0
CBD (%AR)	003.10	Other LC-UV	163	6.5858	6.5183	6.5167	6.54	1.36	5.6342	22	0.6652	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	154	1.6786	1.7656	1.7849	1.74	-2.16	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	192	2.0586	1.9473	1.7563	1.92	-1.75	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	173	2.059	1.979	1.949	2	-1.57	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	213	2.197	2.045	1.912	2.05	-1.44	2.6623	22	0.4247	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.209	2.398	2.3246	2.31	-0.83	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	142	2.526	2.4682	2.4777	2.49	-0.4	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	189	2.5932	2.5885	2.5984	2.59	-0.16	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	164	2.6193	2.5903	2.6017	2.6	-0.14	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	149	2.662	2.676	2.522	2.62	-0.1	2.6623	22	0.4247	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	2.584	2.6311	2.6817	2.63	-0.07	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	116	2.7338	2.7089	2.591	2.68	0.04	2.6623	22	0.4247	0
CBDA (%AR)	004.30	Other LC-MS	149	3.051	2.678	2.619	2.78	0.28	2.6623	22	0.4247	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	2.9316	2.49	2.9398	2.79	0.29	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	184	2.855	2.778	2.744	2.79	0.31	2.6623	22	0.4247	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)	004.02	AOAC 2018.11, U	199	2.8355	2.849	2.9045	2.86	0.47	2.6623	22	0.4247	0
CBDA (%AR)	004.30	Other LC-MS	122	2.9239	2.9235	2.9237	2.92	0.62	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	106	2.9705	2.9663	2.9025	2.95	0.67	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	183	2.983	3.003	2.991	2.99	0.78	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	144	3.0811	2.9902	2.9421	3	0.81	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	163	3.0288	3.0397	2.9846	3.02	0.84	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	204	3.0955	3.048	3.173	3.11	1.04	2.6623	22	0.4247	0
CBDA (%AR)	004.10	Other LC-UV	170	3.6346	3.4834	3.7266	3.61	2.24	2.6623	22	0.4247	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	213	0.049	0.047	0.042	0.046	-2.33	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	142	0.0533	0.0542	0.055	0.0542	-1.14	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	192	0.0654	0.0398	0.0585	0.0546	-1.08	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	149	0.055	0.055	0.055	0.055	-1.02	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	144	0.0567	0.0569	0.0562	0.0566	-0.79	0.062	20	0.0069	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0569	0.0569	0.0572	0.057	-0.73	0.062	20	0.0069	0
CBN (%AR)	005.20	Other LC-MS	149	0.071	0.054	0.054	0.0597	-0.34	0.062	20	0.0069	0
CBN (%AR)	005.20	Other LC-MS	190	0.0597	0.0596	0.0624	0.0606	-0.21	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	189	0.0607	0.0607	0.0609	0.0608	-0.18	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	173	0.07	0.054	0.062	0.062	0	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	154	0.0615	0.0667	0.0615	0.0632	0.18	0.062	20	0.0069	0
CBN (%AR)	005.30	GC-FID	116	0.0675	0.0606	0.0617	0.0633	0.19	0.062	20	0.0069	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	204	0.0634	0.0632	0.0648	0.0638	0.26	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	183	0.063	0.065	0.064	0.064	0.29	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	106	0.0585	0.066	0.0693	0.0646	0.38	0.062	20	0.0069	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0695	0.0625	0.063	0.065	0.44	0.062	20	0.0069	0
CBN (%AR)	005.30	GC-FID	192	0.0637	0.0674	0.074	0.0684	0.93	0.062	20	0.0069	0
CBN (%AR)	005.10	Other LC-UV	116	0.0781	0.0769	0.0582	0.0711	1.32	0.062	20	0.0069	0
CBN (%AR)	005.30	GC-FID	163	0.0808	0.0772	0.0786	0.0789	2.46	0.062	20	0.0069	0
CBN (%AR)	005.30	GC-FID	138	0.0802	0.0857	0.0762	0.0807	2.73	0.062	20	0.0069	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1908	0.1631	0.1517	0.169	-2.51	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	154	0.1793	0.1922	0.18	0.184	-2.01	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.21	0.204	0.195	0.203	-1.39	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2049	0.1911	0.2207	0.206	-1.31	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.221	0.2177	0.2243	0.221	-0.81	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2235	0.2232	0.2196	0.222	-0.77	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.232	0.228	0.218	0.226	-0.64	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.227	0.227	0.236	0.23	-0.51	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.2288	0.2324	0.2305	0.231	-0.5	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2319	0.216	0.2463	0.231	-0.47	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.229	0.23	0.236	0.232	-0.46	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.50	GC-MS	170	0.2268	0.238	0.2326	0.232	-0.43	0.2459	32	0.0309	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2218	0.2387	0.2385	0.233	-0.42	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	164	0.24	0.2309	0.2354	0.235	-0.34	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.239	0.256	0.219	0.238	-0.25	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2371	0.2357	0.2449	0.239	-0.21	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2385	0.2432	0.2371	0.24	-0.2	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.245	0.2457	0.2532	0.248	0.07	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2617	0.2492	0.2538	0.255	0.29	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2371	0.262	0.2688	0.256	0.33	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2168	0.2869	0.2715	0.258	0.41	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2609	0.2539	0.2594	0.258	0.4	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.2591	0.2596	0.2595	0.259	0.44	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2629	0.2588	0.2559	0.259	0.43	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2663	0.2663	0.2692	0.267	0.69	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.27	0.274	0.275	0.273	0.88	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2837	0.2639	0.2721	0.273	0.89	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2706	0.2735	0.2764	0.273	0.9	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.316	0.311	0.2995	0.309	2.04	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3306	0.3077	0.3077	0.315	2.25	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.3607	0.3781	0.3491	0.363	3.78	0.2459	32	0.0309	0
Total Δ9-THC (%AR)	006.50	GC-MS	231	0.346	0.3606	0.398	0.368	3.97	0.2459	32	0.0309	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Total CBD (%AR)									
Total CBD (%AR)	007.10	Other LC-UV	192	6.7414	5.7882	5.5468	6.03	-2.36	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	154	6.0534	6.4957	6.4214	6.32	-2.04	8.2087	24	0.925	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	6.5623	7.4252	7.0635	7.02	-1.29	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	173	7.02	7.059	7.084	7.05	-1.25	8.2087	24	0.925	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	7.438	6.616	7.3106	7.12	-1.18	8.2087	24	0.925	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	7.2801	7.5679	7.6867	7.51	-0.75	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	189	7.7806	7.7671	7.7983	7.78	-0.46	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.99	7.895	7.477	7.79	-0.46	8.2087	24	0.925	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.474	7.433	8.135	8.01	-0.21	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	142	8.0759	8.0355	7.9496	8.02	-0.2	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	164	8.2513	8.0813	8.1808	8.17	-0.04	8.2087	24	0.925	0
Total CBD (%AR)	007.40	GC-FID	116	8.7425	8.002	8.6036	8.45	0.26	8.2087	24	0.925	0
Total CBD (%AR)	007.30	Other LC-MS	122	8.4675	8.4663	8.4677	8.47	0.28	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	116	8.5181	8.5447	8.3671	8.48	0.29	8.2087	24	0.925	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.4752	8.4616	8.5227	8.49	0.3	8.2087	24	0.925	0
Total CBD (%AR)	007.40	GC-FID	170	8.7756	8.3947	8.3784	8.52	0.33	8.2087	24	0.925	0
Total CBD (%AR)	007.40	GC-FID	169	8.378	9.064	8.95	8.8	0.64	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	183	8.718	8.891	8.827	8.81	0.65	8.2087	24	0.925	0
Total CBD (%AR)	007.40	GC-FID	192	9.0208	8.6023	8.9589	8.86	0.7	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	204	8.9831	8.8429	9.1347	8.99	0.84	8.2087	24	0.925	0
Total CBD (%AR)	007.10	Other LC-UV	144	9.2634	9.0984	8.9498	9.1	0.97	8.2087	24	0.925	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.40	GC-FID	163	9.2222	9.1857	9.183	9.2	1.07	8.2087	24	0.925	0
Total CBD (%AR)	007.50	GC-MS	170	9.0325	9.2097	9.4941	9.25	1.12	8.2087	24	0.925	0
Total CBD (%AR)	007.40	GC-FID	138	9.3073	9.706	9.45	9.49	1.38	8.2087	24	0.925	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	189	0.0365	0.0365	0.0366	0.0365	-1.48	0.0508	7	0.0097	0
CBDV (%AR)	008.99	Other	106	0.0477	0.0498	0.0461	0.0479	-0.31	0.0508	7	0.0097	0
CBDV (%AR)	008.99	Other	149	0.054	0.05	0.043	0.049	-0.19	0.0508	7	0.0097	0
CBDV (%AR)	008.99	Other	154	0.0491	0.0543	0.0498	0.0511	0.02	0.0508	7	0.0097	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.051	0.052	0.052	0.0517	0.09	0.0508	7	0.0097	0
CBDV (%AR)	008.99	Other	142	0.0558	0.0548	0.053	0.0545	0.38	0.0508	7	0.0097	0
CBDV (%AR)	008.99	Other	173	0.107	0.097	0.111	0.105	5.6	0.0508	7	0.0097	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	154	<0.0150	<0.0150	<0.0150	<0.0150					1
CBDVA (%AR)	009.99	Other	142	0.0294	0.0308	0.0298	0.03					0
CBDVA (%AR)	009.01	AOAC 2018.10	149	0.032	0.034	0.032	0.0327					0
CBDVA (%AR)	009.99	Other	149	0.041	0.026	0.031	0.0327					0
CBDVA (%AR)	009.99	Other	173	0.039	0.028	0.038	0.035					0
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.06	0.061	0.06	0.0603					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBG (%AR)									
CBG (%AR)	010.01	AOAC 2018.10	149	0.146	0.144	0.142	0.144	-1.15	0.1727	8	0.025	0
CBG (%AR)	010.99	Other	142	0.1521	0.1574	0.1535	0.154	-0.73	0.1727	8	0.025	0
CBG (%AR)	010.99	Other	149	0.171	0.159	0.145	0.158	-0.57	0.1727	8	0.025	0
CBG (%AR)	010.99	Other	173	0.171	0.159	0.162	0.164	-0.35	0.1727	8	0.025	0
CBG (%AR)	010.99	Other	106	0.1751	0.1657	0.1652	0.169	-0.16	0.1727	8	0.025	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.187	0.193	0.192	0.191	0.72	0.1727	8	0.025	0
CBG (%AR)	010.99	Other	204	0.1946	0.1937	0.1969	0.195	0.9	0.1727	8	0.025	0
CBG (%AR)	010.99	Other	189	0.2047	0.2069	0.2072	0.206	1.34	0.1727	8	0.025	0
			CBGA (%AR)									
CBGA (%AR)	011.99	Other	154	0.0821	0.0858	0.0841	0.084	-1.83	0.135	9	0.0278	0
CBGA (%AR)	011.99	Other	173	0.121	0.109	0.11	0.113	-0.78	0.135	9	0.0278	0
CBGA (%AR)	011.99	Other	142	0.1204	0.1197	0.1202	0.12	-0.54	0.135	9	0.0278	0
CBGA (%AR)	011.99	Other	106	0.1316	0.1296	0.126	0.129	-0.21	0.135	9	0.0278	0
CBGA (%AR)	011.01	AOAC 2018.10	149	0.137	0.139	0.136	0.137	0.08	0.135	9	0.0278	0
CBGA (%AR)	011.99	Other	149	0.16	0.124	0.131	0.138	0.12	0.135	9	0.0278	0
CBGA (%AR)	011.99	Other	189	0.1471	0.1485	0.1481	0.148	0.46	0.135	9	0.0278	0
CBGA (%AR)	011.99	Other	204	0.1675	0.1635	0.1672	0.166	1.12	0.135	9	0.0278	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.167	0.171	0.171	0.17	1.25	0.135	9	0.0278	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			THCV (%AR)									
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
THCV (%AR)	012.02	AOAC 2018.11, U	183	0.009	0.009	0.01	0.0093					0
THCV (%AR)	012.99	Other	189	0.043	0.0441	0.0456	0.0442					0
THCV (%AR)	012.99	Other	173	0.095	0.064	0.064	0.0743					0
			Δ8-THC (%AR)									
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	183	<0.0010	<0.0010	<0.0010	<0.0010					1
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ8-THC (%AR)	013.01	AOAC 2018.10	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ8-THC (%AR)	013.99	Other	173	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	189	0.0131	0.012	0.0149	0.0133					0
Δ8-THC (%AR)	013.99	Other	192	0.0615	0.056	0.0638	0.0604					0
Δ8-THC (%AR)	013.99	Other	138	0.0647	0.0706	0.071	0.0688					0
Δ8-THC (%AR)	013.99	Other	213	0.158	0.149	0.144	0.15					0
			CBC (%AR)									
CBC (%AR)	014.99	Other	154	0.1796	0.1951	0.1864	0.187	-1.4	0.2367	9	0.0355	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%AR)	014.99	Other	173	0.202	0.199	0.2	0.2	-1.02	0.2367	9	0.0355	0
CBC (%AR)	014.01	AOAC 2018.10	149	0.227	0.23	0.219	0.225	-0.32	0.2367	9	0.0355	0
CBC (%AR)	014.99	Other	142	0.2232	0.2294	0.2259	0.226	-0.3	0.2367	9	0.0355	0
CBC (%AR)	014.99	Other	149	0.243	0.243	0.225	0.237	0.01	0.2367	9	0.0355	0
CBC (%AR)	014.99	Other	106	0.2476	0.2455	0.2421	0.245	0.23	0.2367	9	0.0355	0
CBC (%AR)	014.99	Other	204	0.2545	0.2492	0.2585	0.254	0.49	0.2367	9	0.0355	0
CBC (%AR)	014.99	Other	189	0.2698	0.2725	0.2735	0.272	0.99	0.2367	9	0.0355	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.281	0.285	0.285	0.284	1.32	0.2367	9	0.0355	0

Cd (ug/g AR)

Cd (ug/g AR)	101.03	ICP-OES	192	0.13	0.14	0.1	0.123	-2.86	0.1795	6	0.0196	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.164	0.173	0.167	0.168	-0.58	0.1795	6	0.0196	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1774	0.1934	0.1844	0.185	0.28	0.1795	6	0.0196	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.1972	0.1847	0.1741	0.185	0.3	0.1795	6	0.0196	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1943	0.1904	0.1967	0.194	0.73	0.1795	6	0.0196	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.191	0.206	0.187	0.195	0.77	0.1795	6	0.0196	0
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	0.2084	0.203					1

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	106	<0.0830	<0.0830	<0.0830	<0.0830					1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.03	ICP-OES	192	<0.8000	<0.8000	<0.8000	<0.8000					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
As (ug/g AR)	102.04	ICP-MS	142	0.0525	0.048	0.0564	0.0523					0
As (ug/g AR)	102.04	ICP-MS	141	<0.0600	0.069	<0.0600	0.063					1
As (ug/g AR)	102.04	ICP-MS	102	0.0639	0.0607	0.0642	0.0629					0
As (ug/g AR)	102.04	ICP-MS	183	0.085	0.084	0.087	0.0853					0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080	<0.0080					1
Hg (ug/g AR)	103.04	ICP-MS	183	<0.0120	<0.0120	<0.0120	<0.0120					1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0600	<0.0600	<0.0600	<0.0600					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.03	ICP-OES	192	0	0	0	0					2
Hg (ug/g AR)	103.99	Other	102	0.0082	0.0083	0.0083	0.0083					0
Hg (ug/g AR)	103.04	ICP-MS	142	0.0099	0.0085	0.0077	0.0087					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	102	0.2049	0.2064	0.22	0.21	-0.93	0.252	7	0.0446	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.2302	0.209	0.2072	0.215	-0.82	0.252	7	0.0446	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.216	0.232	0.236	0.228	-0.54	0.252	7	0.0446	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.2341	0.2436	0.2473	0.242	-0.23	0.252	7	0.0446	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.2642	0.2477	0.3083	0.273	0.48	0.252	7	0.0446	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.267	0.333	0.229	0.276	0.55	0.252	7	0.0446	0
Pb (ug/g AR)	104.03	ICP-OES	192	0.54	0.52	0.33	0.463	4.74	0.252	7	0.0446	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Cu (ug/g AR)									
Cu (ug/g AR)	105.04	ICP-MS	142	16.7181	17.4433	16.9236	17				0	
			Ni (ug/g AR)									
Ni (ug/g AR)	106.04	ICP-MS	142	1.3586	1.2992	1.3809	1.35				0	
Ni (ug/g AR)	106.04	ICP-MS	141	1.71	1.81	1.69	1.74				0	
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	142	0.3875	0.3731	0.5055	0.422				0	
Cr (ug/g AR)	107.04	ICP-MS	141	0.608	0.809	0.525	0.647				0	
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	141	<1.2000	<1.2000	<1.2000	<1.2000				1	
Se (ug/g AR)	108.04	ICP-MS	142	0.1283	0.1261	0.1534	0.136				0	
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	142	0.0365	0.0372	0.0307	0.0348				0	
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	142	61.1309	61.7841	60.8922	61.3				0	
Zn (ug/g AR)	111.04	ICP-MS	141	58.6	65.3	60.2	61.4				0	

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0307	0.03	0.0317	0.0308					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.118	0.122	0.117	0.119					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	1180	1250	1260	1230					0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0421	0.0424	0.0436	0.0427					0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.054	0.056	0.055	0.055					0
beta-Caryophyllene (%)	202.01	GC,FID	142	612	639	641	631					0
			(-)-Caryophyllene oxide (%AR)									
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.017	0.018	0.018	0.0177					0
(-)-Caryophyllene oxide	203.01	GC,FID	142	182	192	191	188					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
			alpha-Humulene (%AR)									
alpha-Humulene (%AR)	205.02	GC,MS	162	0.02	0.0202	0.0212	0.0205					0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.023	0.024	0.024	0.0237					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
alpha-Humulene (%AR)	205.01	GC,FID	142	293	308	310	304					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	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					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	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	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	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	
(-)-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	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
alpha-Terpinene (%AR)	213.02	GC,MS	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	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	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	153	5.15	4.58	4.36	4.7	-1.45	7.1667	13	1.7021	0
Moisture (%AR)	500.70	Commerc. Anal.	189	5.511	5.511	5.511	5.51	-0.97	7.1667	13	1.7021	0
Moisture (%AR)	500.99	Other	142	6.06	6.03	6	6.03	-0.67	7.1667	13	1.7021	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.11	6.04	6.16	6.1	-0.62	7.1667	13	1.7021	0
Moisture (%AR)	500.99	Other	103	6.51	6.44	6.51	6.49	-0.4	7.1667	13	1.7021	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	102	6.6	6.3	6.6	6.5	-0.39	7.1667	13	1.7021	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.03	6.7	6.99	6.91	-0.15	7.1667	13	1.7021	0
Moisture (%AR)	500.99	Other	165	7.6685	7.4816	7.4507	7.53	0.22	7.1667	13	1.7021	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.65	8.09	7.76	7.83	0.39	7.1667	13	1.7021	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.82	7.73	7.15	7.9	0.43	7.1667	13	1.7021	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.52	8	7.69	8.4	0.73	7.1667	13	1.7021	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.8261	9.7466	9.2818	9.62	1.44	7.1667	13	1.7021	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.4365	9.8548	9.6422	9.64	1.46	7.1667	13	1.7021	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	154	0.1908	0.2045	0.1915	0.196	-1.42	0.2312	9	0.025	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1898	0.2085	0.2033	0.201	-1.22	0.2312	9	0.025	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.2234	0.2273	0.2252	0.225	-0.24	0.2312	9	0.025	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.227	0.228	0.234	0.23	-0.06	0.2312	9	0.025	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.234	0.228	0.228	0.23	-0.05	0.2312	9	0.025	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2311	0.2441	0.2505	0.242	0.43	0.2312	9	0.025	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.242	0.242	0.2447	0.243	0.47	0.2312	9	0.025	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2515	0.2519	0.2569	0.253	0.89	0.2312	9	0.025	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2639	0.2574	0.2628	0.261	1.2	0.2312	9	0.025	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210	<0.0210					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	
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0520	<0.0530	<0.0520	<0.0520					1
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.022	0.0227	0.0229	0.0225	-0.89	0.0341	6	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.0229	0.0229	0.0228	0.0229	-0.86	0.0341	6	0.0131	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.035	0.028	0.03	0.031	-0.24	0.0341	6	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0366	0.0361	0.034	0.0356	0.11	0.0341	6	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0292	0.0446	0.0456	0.0398	0.43	0.0341	6	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0506	0.0542	0.0545	0.0531	1.45	0.0341	6	0.0131	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	154	4.8763	5.2658	5.1688	5.1	-1.99	6.277	7	0.5901	0
CBD (%DW)	503.10	Other LC-UV	189	5.8275	5.8176	5.8414	5.83	-0.76	6.277	7	0.5901	0
CBD (%DW)	503.10	Other LC-UV	142	6.2386	6.2476	6.1454	6.21	-0.11	6.277	7	0.5901	0
CBD (%DW)	503.10	Other LC-UV	162	6.4678	6.6003	6.2208	6.43	0.26	6.277	7	0.5901	0
CBD (%DW)	503.10	Other LC-UV	116	6.5182	6.5698	6.4907	6.53	0.42	6.277	7	0.5901	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	6.6125	6.6149	6.6132	6.61	0.57	6.277	7	0.5901	0
CBD (%DW)	503.01	AOAC 2018.10	210	7.755	6.517	6.543	6.94	1.12	6.277	7	0.5901	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	154	1.7867	1.8793	1.8999	1.86	-2.39	2.8198	7	0.4042	0
CBDA (%DW)	504.10	Other LC-UV	142	2.689	2.6266	2.6359	2.65	-0.42	2.8198	7	0.4042	0
CBDA (%DW)	504.10	Other LC-UV	189	2.7445	2.7395	2.7499	2.74	-0.19	2.8198	7	0.4042	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	162	2.8188	2.8217	2.7662	2.8	-0.04	2.8198	7	0.4042	0
CBDA (%DW)	504.10	Other LC-UV	116	2.9114	2.8849	2.7593	2.85	0.08	2.8198	7	0.4042	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.131	3.1605	3.2144	3.17	0.86	2.8198	7	0.4042	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.435	3.235	3.251	3.31	1.21	2.8198	7	0.4042	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	142	0.0568	0.0577	0.0586	0.0577	-1.41	0.0676	9	0.007	0
CBN (%DW)	505.10	Other LC-UV	192	0.0721	0.0441	0.0649	0.0604	-1.03	0.0676	9	0.007	0
CBN (%DW)	505.10	Other LC-UV	189	0.0642	0.0642	0.0644	0.0643	-0.48	0.0676	9	0.007	0
CBN (%DW)	505.30	GC-FID	116	0.0719	0.0645	0.0657	0.0674	-0.04	0.0676	9	0.007	0
CBN (%DW)	505.10	Other LC-UV	154	0.0655	0.071	0.0655	0.0673	-0.04	0.0676	9	0.007	0
CBN (%DW)	505.10	Other LC-UV	162	0.068	0.0698	0.0684	0.0687	0.15	0.0676	9	0.007	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0767	0.0693	0.0697	0.0719	0.6	0.0676	9	0.007	0
CBN (%DW)	505.30	GC-FID	192	0.0706	0.0746	0.0816	0.0756	1.13	0.0676	9	0.007	0
CBN (%DW)	505.10	Other LC-UV	116	0.0832	0.0819	0.0616	0.0756	1.12	0.0676	9	0.007	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2104	0.1807	0.1682	0.186	-1.99	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.1908	0.2045	0.1915	0.196	-1.72	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2091	0.2284	0.2234	0.22	-0.99	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.2435	0.2473	0.2452	0.245	-0.25	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.247	0.2301	0.2623	0.246	-0.22	0.2538	13	0.0338	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)	506.30	Other LC-MS	102	0.245	0.246	0.252	0.248	-0.18	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.265	0.252	0.254	0.257	0.1	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2762	0.2612	0.2654	0.268	0.41	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.40	GC-FID	192	0.2717	0.2723	0.2791	0.274	0.61	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2568	0.2832	0.2904	0.277	0.68	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2858	0.2793	0.2847	0.283	0.87	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2836	0.2836	0.2867	0.285	0.91	0.2538	13	0.0338	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.2863	0.2895	0.2925	0.289	1.05	0.2538	13	0.0338	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	192	7.4311	6.4133	6.1512	6.67	-1.54	8.6171	10	1.2644	0
Total CBD (%DW)	507.10	Other LC-UV	154	6.4432	6.9139	6.835	6.73	-1.49	8.6171	10	1.2644	0
Total CBD (%DW)	507.10	Other LC-UV	189	8.2344	8.2202	8.2531	8.24	-0.3	8.6171	10	1.2644	0
Total CBD (%DW)	507.10	Other LC-UV	142	8.5968	8.5511	8.4571	8.53	-0.06	8.6171	10	1.2644	0
Total CBD (%DW)	507.10	Other LC-UV	162	8.9399	9.075	8.6468	8.89	0.21	8.6171	10	1.2644	0
Total CBD (%DW)	507.40	GC-FID	116	9.3105	8.5218	9.1625	9	0.3	8.6171	10	1.2644	0
Total CBD (%DW)	507.10	Other LC-UV	116	9.0714	9.0998	8.9106	9.03	0.32	8.6171	10	1.2644	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	9.3584	9.3862	9.4322	9.39	0.61	8.6171	10	1.2644	0
Total CBD (%DW)	507.40	GC-FID	192	10.0038	9.5313	9.8756	9.8	0.94	8.6171	10	1.2644	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	10.767	9.354	9.394	9.84	0.97	8.6171	10	1.2644	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	0.0387	0.0387	0.0387	0.0387					0
CBDV (%DW)	508.99	Other	162	0.0504	0.0457	0.0495	0.0485					0
CBDV (%DW)	508.99	Other	154	0.0522	0.0578	0.053	0.0543					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.056	0.055	0.058	0.0563					0
CBDV (%DW)	508.99	Other	142	0.0594	0.0584	0.0563	0.058					0
			CBDVA (%DW)									
CBDVA (%DW)	509.99	Other	154	<0.0150	<0.0150	<0.0150	<0.0150					1
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.029	0.025	0.014	0.0227					0
CBDVA (%DW)	509.99	Other	142	0.0313	0.0328	0.0317	0.0319					0
			CBG (%DW)									
CBG (%DW)	510.01	AOAC 2018.10	210	0.153	0.141	0.145	0.146					0
CBG (%DW)	510.99	Other	142	0.1619	0.1675	0.1633	0.164					0
CBG (%DW)	510.99	Other	162	0.1768	0.1766	0.1807	0.178					0
CBG (%DW)	510.99	Other	189	0.2167	0.219	0.2193	0.218					0
			CBGA (%DW)									
CBGA (%DW)	511.01	AOAC 2018.10	210	0.08	0.077	0.083	0.08					0
CBGA (%DW)	511.99	Other	154	0.0874	0.0913	0.0895	0.0894					0
CBGA (%DW)	511.99	Other	142	0.1282	0.1273	0.1279	0.128					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%DW)	511.99	Other	162	0.1471	0.1558	0.1591	0.154					0
CBGA (%DW)	511.99	Other	189	0.1556	0.1571	0.1568	0.156					0
THCV (%DW)												
THCV (%DW)	512.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130	<0.0130					1
THCV (%DW)	512.99	Other	189	0.0455	0.0466	0.0483	0.0468					0
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
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	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ8-THC (%DW)	513.99	Other	189	0.0138	0.0127	0.0157	0.0141					0
Δ8-THC (%DW)	513.99	Other	192	0.0682	0.062	0.0703	0.0668					0
CBC (%DW)												
CBC (%DW)	514.99	Other	154	0.1912	0.2077	0.1984	0.199					0
CBC (%DW)	514.99	Other	142	0.2376	0.2441	0.2403	0.241					0
CBC (%DW)	514.99	Other	162	0.268	0.2664	0.2488	0.261					0
CBC (%DW)	514.99	Other	189	0.2855	0.2884	0.2895	0.288					0

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

1. Flag definitions: 1 (Lab Value not used because there were less than 2 numeric lab results), 2 (Lab Value not used because there were less than 2 numeric lab results greater than 0).
2. Robust statistics performed to determine robust mean and Z scores only if there were 6 or more numeric lab values.
3. AR refers to concentration on as-received basis. DW refers to concentration on dry weight basis.