

Hemp Proficiency Testing

All Labs Precision

HM20SEP-2



Sample: HM20SEP-2

All Labs Precision

Issue Date: November 2, 2020

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	178	0.2300								1
Δ9-THC (%AR)	001.60	NIR	187	0.1751	0.1747	0.1751	0.13	0.03	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	123	0.2560	0.2550	0.2540	0.39	0.08	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	156	0.3320	0.3289	0.3297	0.49	0.1	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.99	Other	137	0.2080	0.2070	0.2090	0.48	0.1	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.2436	0.2407	0.2438	0.72	0.14	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	202	0.1886	0.1915	0.1898	0.77	0.15	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.2069	0.2036	0.2047	0.82	0.16	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2296	0.2274	0.2313	0.85	0.17	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.2470	0.2440	0.2430	0.85	0.17	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2676	0.2627	0.2651	0.92	0.19	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	159	0.1920	0.1960	0.1950	1.07	0.21	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.2420	0.2377	0.2429	1.15	0.23	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.2515	0.2495	0.2455	1.23	0.25	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2775	0.2732	0.2703	1.32	0.27	3.31	0.13	16.2	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	186	0.2355	0.2300	0.2304	1.32	0.27	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.2040	0.2070	0.2100	1.45	0.29	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	150	0.2333	0.2267	0.2267	1.66	0.33	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2192	0.2247	0.2271	1.81	0.36	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.2125	0.2114	0.2053	1.85	0.37	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1904	0.1977	0.1922	1.97	0.39	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	152	0.2429	0.2495	0.2524	1.96	0.4	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.2281	0.2195	0.2211	2.05	0.41	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1943	0.2026	0.1974	2.12	0.42	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2202	0.2249	0.2299	2.16	0.43	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2381	0.2477	0.2391	2.18	0.44	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.2109	0.2023	0.2094	2.21	0.44	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.2543	0.2461	0.2433	2.31	0.47	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	155	0.1960	0.2040	0.2050	2.45	0.48	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.99	Other	154	0.2206	0.2108	0.2195	2.47	0.49	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2593	0.2632	0.2508	2.46	0.5	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.2610	0.2720	0.2742	2.63	0.54	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1921	0.1825	0.1834	2.85	0.56	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2450	0.2590	0.2520	2.78	0.57	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.2382	0.2346	0.2253	2.86	0.58	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.2385	0.2354	0.2487	2.89	0.58	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	195	0.2083	0.2002	0.2125	3.02	0.6	3.31	0.13	16.2	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	184	0.2180	0.2316	0.2306	3.34	0.67	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	108	0.2408	0.2261	0.2404	3.55	0.72	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.2303	0.2357	0.2474	3.68	0.74	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.2376	0.2206	0.2262	3.8	0.76	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.2400	0.2500	0.2300	4.17	0.84	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	198	0.2458	0.2263	0.2420	4.34	0.88	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.2048	0.2256	0.2159	4.83	0.96	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2500	0.2260	0.2400	5.05	1.02	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	119	0.2564	0.2415	0.2671	5.04	1.03	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.2270	0.2510	0.2300	5.54	1.12	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2376	0.2389	0.2158	5.62	1.13	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2190	0.2250	0.2000	6.08	1.21	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1906	0.2055	0.1819	6.19	1.21	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.2600	0.2700	0.2400	5.95	1.22	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2595	0.2321	0.2362	6.09	1.23	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	203	0.2120	0.1880	0.2080	6.34	1.25	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	131	0.2300	0.2200	0.2500	6.55	1.32	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	201	0.8400	0.8000	0.7500	5.66	1.37	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	145	0.2200	0.2300	0.2000	7.05	1.4	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.10	Other LC-UV	132	0.2809	0.2515	0.2451	7.37	1.51	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.30	Other LC-MS	188	0.2159	0.2107	0.2430	7.77	1.55	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.99	Other	132	0.3400	0.3000	0.3000	7.37	1.55	3.31	0.13	16.2	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)	001.01	AOAC 2018.10	115	0.2500	0.2500	0.2900	8.77	1.8	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.99	Other	205	0.2140	0.2440	0.2060	9.05	1.81	3.31	0.13	16.2	0
Δ9-THC (%AR)	001.99	Other	172	0.2031	0.2175	0.2741	16.2	3.26	3.31	0.13	16.2	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0724	<0.0724	<0.0724						1
Δ9-THCA (%AR)	002.10	Other LC-UV	178	0.1100								1
Δ9-THCA (%AR)	002.10	Other LC-UV	123	<0.0880	<0.0930	<0.0880						1
Δ9-THCA (%AR)	002.30	Other LC-MS	188	0.0603	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	131	0.0600	0.0600	0.0600	0	0	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.0600	0.0600	0.0600	0	0	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0990	0.0980	0.0990	0.58	0.1	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0683	0.0690	0.0693	0.74	0.13	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0620	0.0643	0.0630	1.83	0.3	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0493	0.0511	0.0511	2.06	0.33	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	159	0.0667	0.0692	0.0690	2.03	0.34	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0466	0.0473	0.0486	2.14	0.34	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.0494	0.0518	0.0503	2.4	0.38	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0609	0.0633	0.0636	2.36	0.39	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	150	0.0733	0.0700	0.0733	2.64	0.45	6.92	0	173	0
Δ9-THCA (%AR)	002.99	Other	154	0.0854	0.0900	0.0863	2.79	0.49	6.92	0	173	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	186	0.0585	0.0555	0.0555	3.07	0.5	6.92	0	173	0
Δ9-THCA (%AR)	002.99	Other	137	0.0513	0.0541	0.0513	3.09	0.5	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0514	0.0485	0.0489	3.17	0.51	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.0466	0.0446	0.0434	3.6	0.57	6.92	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0620	0.0590	0.0580	3.49	0.57	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	156	0.0686	0.0639	0.0661	3.55	0.59	6.92	0	173	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.0530	0.0570	0.0565	3.93	0.64	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.0690	0.0650	0.0640	4.01	0.67	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	195	0.0579	0.0537	0.0539	4.29	0.7	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0476	0.0445	0.0435	4.73	0.74	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0706	0.0652	0.0655	4.52	0.76	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.0640	0.0640	0.0590	4.63	0.77	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0522	0.0573	0.0571	5.2	0.84	6.92	0	173	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0514	0.0545	0.0572	5.34	0.86	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0452	0.0411	0.0454	5.53	0.87	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	119	0.0640	0.0589	0.0654	5.45	0.9	6.92	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.0523	0.0570	0.0589	6.06	0.99	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0641	0.0628	0.0571	6.07	1	6.92	0	173	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0627	0.0712	0.0671	6.34	1.06	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0881	0.0778	0.0849	6.31	1.09	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.0659	0.0763	0.0680	7.85	1.32	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.0660	0.0630	0.0560	8.32	1.37	6.92	0	173	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0778	0.0662	0.0746	8.22	1.39	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0415	0.0458	0.0498	9.08	1.43	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	145	0.0700	0.0700	0.0600	8.66	1.45	6.92	0	173	0
Δ9-THCA (%AR)	002.60	NIR	187	0.0319	0.0296	0.0262	9.81	1.45	6.92	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0530	0.0450	0.0440	10.4	1.65	6.92	0	173	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	108	0.0832	0.0685	0.0779	9.73	1.66	6.92	0	173	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0438	0.0457	0.0533	10.6	1.68	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.0658	0.0655	0.0778	10.1	1.69	6.92	0	173	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0981	0.0967	0.1158	10.3	1.83	6.92	0	173	0
Δ9-THCA (%AR)	002.99	Other	205	0.0320	0.0380	0.0410	12.4	1.89	6.92	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	155	0.0810	0.0700	0.0640	12	2.03	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	198	0.0447	0.0392	0.0525	14.7	2.32	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0497	0.0405	0.0558	15.8	2.52	6.92	0	173	0
Δ9-THCA (%AR)	002.99	Other	132	0.0400	0.0300	0.0300	17.3	2.61	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.0590	0.0520	0.0723	16.9	2.78	6.92	0	173	0
Δ9-THCA (%AR)	002.99	Other	172	0.0786	0.0579	0.0805	17.3	2.93	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.1029	0.0573	0.0574	36.3	6.13	6.92	0	173	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0665	0.0695	0.0306	39	6.33	6.92	0	173	0
Δ9-THCA (%AR)	002.30	Other LC-MS	201	0.0000	0.0000	0.0400	173	22.71	6.92	0	173	0
Δ9-THCA (%AR)	002.10	Other LC-UV	202	0.5110	0.0531	0.0521	129	25.47	6.92	0	173	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBD (%AR)								
CBD (%AR)	003.10	Other LC-UV	178	3.2000								1
CBD (%AR)	003.02	AOAC 2018.11, U	199	3.6635	3.6695	3.6725	0.12	0.04	2.64	0.12	26.1	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.2051	4.2302	4.2021	0.37	0.11	2.64	0.12	26.1	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	3.1836	3.1961	3.1737	0.35	0.11	2.64	0.12	26.1	0
CBD (%AR)	003.60	NIR	187	2.7287	2.7371	2.7494	0.38	0.11	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	150	3.8333	3.8000	3.8000	0.5	0.15	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	123	3.8200	3.8230	3.7830	0.58	0.18	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	204	3.6490	3.6084	3.6195	0.58	0.18	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	163	4.1980	4.2610	4.2300	0.74	0.23	2.64	0.12	26.1	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	3.2825	3.2977	3.2426	0.87	0.26	2.64	0.12	26.1	0
CBD (%AR)	003.99	Other	137	3.6100	3.6200	3.6700	0.88	0.27	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	142	3.7949	3.7221	3.7620	0.97	0.3	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	189	3.5790	3.5026	3.5333	1.09	0.33	2.64	0.12	26.1	0
CBD (%AR)	003.01	AOAC 2018.10	131	4.0600	4.1100	4.0200	1.11	0.34	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	109	3.8630	3.8420	3.7810	1.11	0.34	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	159	3.0900	3.0600	3.0200	1.15	0.34	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	164	3.4781	3.4049	3.3888	1.39	0.42	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	145	3.7700	3.6800	3.6800	1.4	0.43	2.64	0.12	26.1	0
CBD (%AR)	003.01	AOAC 2018.10	155	3.1240	3.1400	3.0490	1.57	0.46	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	156	4.1901	4.3227	4.2764	1.58	0.49	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	195	3.5005	3.3930	3.4122	1.67	0.5	2.64	0.12	26.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.99	Other	205	3.7230	3.6210	3.6020	1.78	0.54	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	113	4.0605	3.9744	3.9210	1.77	0.54	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	197	3.8220	3.7530	3.6900	1.76	0.54	2.64	0.12	26.1	0
CBD (%AR)	003.02	AOAC 2018.11, U	108	3.4020	3.3370	3.5040	2.47	0.74	2.64	0.12	26.1	0
CBD (%AR)	003.01	AOAC 2018.10	168	3.5964	3.4240	3.5118	2.46	0.74	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	144	4.0247	3.9095	3.8345	2.44	0.75	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	196	3.2790	3.4470	3.4020	2.58	0.77	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	200	3.4192	3.3300	3.2463	2.6	0.78	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	116	3.6426	3.8493	3.7603	2.76	0.84	2.64	0.12	26.1	0
CBD (%AR)	003.02	AOAC 2018.11, U	152	4.1251	4.0107	3.8948	2.87	0.89	2.64	0.12	26.1	0
CBD (%AR)	003.99	Other	154	3.2624	3.0651	3.1664	3.12	0.93	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	172	4.0130	4.1930	4.2653	3.13	0.97	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	141	3.0403	2.8579	2.8901	3.32	0.98	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	203	3.4340	3.6040	3.6550	3.25	0.98	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	122	3.9699	3.7482	3.7661	3.22	0.99	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	184	3.7340	3.9111	4.0008	3.5	1.07	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	192	3.1801	3.3440	3.1225	3.57	1.07	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	198	3.4076	3.1881	3.3950	3.7	1.11	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	188	3.8670	3.8480	4.1240	3.91	1.2	2.64	0.12	26.1	0
CBD (%AR)	003.02	AOAC 2018.11, U	107	0.2501	0.2412	0.2705	5.92	1.21	2.64	0.12	26.1	0
CBD (%AR)	003.99	Other	172	3.6861	3.9618	3.9496	4.03	1.24	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	106	4.3900	4.4900	4.1300	4.29	1.34	2.64	0.12	26.1	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	132	4.5902	4.4434	4.2065	4.39	1.37	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	149	3.7000	4.0000	3.7000	4.56	1.4	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	202	3.0409	3.0377	3.3018	4.85	1.44	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	162	3.8327	3.8275	4.1654	4.91	1.51	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	119	3.8013	3.6042	3.9904	5.08	1.56	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	191	3.3508	3.6992	3.6417	5.24	1.59	2.64	0.12	26.1	0
CBD (%AR)	003.99	Other	132	4.1000	3.7500	3.7300	5.39	1.65	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	149	4.3040	4.1040	3.7230	7.3	2.26	2.64	0.12	26.1	0
CBD (%AR)	003.30	Other LC-MS	201	11.0900	11.9400	14.0600	12.4	4.52	2.64	0.12	26.1	0
CBD (%AR)	003.10	Other LC-UV	186	3.6671	3.6386	5.5988	26.1	8.15	2.64	0.12	26.1	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	178	4.0500								1
CBDA (%AR)	004.60	NIR	187	3.1376	3.1407	3.1404	0.05	0.02	2.65	0.05	10.6	0
CBDA (%AR)	004.99	Other	137	3.7500	3.7400	3.7600	0.27	0.08	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	163	3.2270	3.2440	3.2360	0.26	0.08	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	204	3.8889	3.8639	3.8872	0.36	0.11	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	123	4.0500	4.0130	4.0060	0.59	0.18	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	186	3.9306	3.9559	3.8988	0.73	0.22	2.65	0.05	10.6	0
CBDA (%AR)	004.30	Other LC-MS	156	3.7549	3.8098	3.7928	0.74	0.23	2.65	0.05	10.6	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	3.0788	3.0307	3.0672	0.82	0.24	2.65	0.05	10.6	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.5492	3.5014	3.5559	0.84	0.25	2.65	0.05	10.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.30	Other LC-MS	159	3.9400	4.0000	3.9300	0.96	0.29	2.65	0.05	10.6	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.9905	3.9935	3.9250	0.98	0.3	2.65	0.05	10.6	0
CBDA (%AR)	004.99	Other	205	3.5730	3.5480	3.5020	1.02	0.31	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	150	3.5667	3.6000	3.5000	1.43	0.43	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	109	4.6700	4.6560	4.5530	1.38	0.44	2.65	0.05	10.6	0
CBDA (%AR)	004.01	AOAC 2018.10	131	4.0500	4.1700	4.1100	1.46	0.45	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	203	3.8770	3.9290	3.8080	1.57	0.48	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	184	3.9764	3.9740	4.0858	1.59	0.49	2.65	0.05	10.6	0
CBDA (%AR)	004.01	AOAC 2018.10	168	3.6575	3.6318	3.7499	1.69	0.51	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	189	3.7134	3.6021	3.6082	1.72	0.52	2.65	0.05	10.6	0
CBDA (%AR)	004.02	AOAC 2018.11, U	108	3.7010	3.6110	3.7340	1.73	0.53	2.65	0.05	10.6	0
CBDA (%AR)	004.99	Other	172	3.9720	4.0980	4.0887	1.73	0.54	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	116	3.6183	3.7541	3.7223	1.92	0.59	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	196	3.2860	3.4380	3.3200	2.38	0.72	2.65	0.05	10.6	0
CBDA (%AR)	004.30	Other LC-MS	164	4.2535	4.0841	4.2576	2.36	0.73	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	197	4.0810	4.0530	3.9040	2.37	0.73	2.65	0.05	10.6	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	3.7841	3.6090	3.7321	2.42	0.74	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	149	3.9000	4.1000	4.0000	2.5	0.77	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	195	3.8041	3.6827	3.6141	2.6	0.79	2.65	0.05	10.6	0
CBDA (%AR)	004.30	Other LC-MS	122	4.1084	4.2731	4.3201	2.63	0.82	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	200	3.4098	3.3209	3.2179	2.9	0.87	2.65	0.05	10.6	0
CBDA (%AR)	004.30	Other LC-MS	188	4.1550	4.0080	3.9260	2.88	0.89	2.65	0.05	10.6	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	145	4.2900	4.0900	4.0400	3.2	0.99	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	144	4.0323	3.8998	3.7750	3.3	1.01	2.65	0.05	10.6	0
CBDA (%AR)	004.99	Other	154	3.2884	3.0631	3.1303	3.66	1.09	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	172	4.1790	4.4170	4.4771	3.62	1.13	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	162	3.7664	3.7637	4.0195	3.82	1.17	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	194	3.9402	4.0925	3.7848	3.91	1.2	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	141	3.4566	3.1745	3.2789	4.32	1.29	2.65	0.05	10.6	0
CBDA (%AR)	004.01	AOAC 2018.10	155	3.1390	3.4090	3.3560	4.33	1.3	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	198	3.9916	3.6846	3.9602	4.35	1.34	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	202	3.3537	3.4299	3.6506	4.43	1.34	2.65	0.05	10.6	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	4.1920	4.5759	4.4002	4.38	1.37	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	142	3.8482	3.5363	3.5354	4.95	1.51	2.65	0.05	10.6	0
CBDA (%AR)	004.30	Other LC-MS	201	17.6100	16.6600	18.1400	4.29	1.65	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	191	3.8391	4.2637	4.2073	5.62	1.74	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	192	2.7492	2.4381	2.5521	6.1	1.76	2.65	0.05	10.6	0
CBDA (%AR)	004.30	Other LC-MS	119	3.8389	3.3704	3.7164	6.67	2.03	2.65	0.05	10.6	0
CBDA (%AR)	004.30	Other LC-MS	149	4.3400	4.2940	3.8420	6.62	2.05	2.65	0.05	10.6	0
CBDA (%AR)	004.99	Other	132	3.9300	3.4600	3.3800	8.28	2.51	2.65	0.05	10.6	0
CBDA (%AR)	004.10	Other LC-UV	106	4.4900	4.6100	3.7700	10.6	3.3	2.65	0.05	10.6	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	123	<0.0880	<0.0930	<0.0880
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.10	Other LC-UV	203	<0.0040	0.0200	0.0180						1
CBN (%AR)	005.02	AOAC 2018.11, U	108	<0.0030	<0.0030	<0.0030						1
CBN (%AR)	005.20	Other LC-MS	188	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	194	<0.0239	<0.0724	<0.0239						1
CBN (%AR)	005.10	Other LC-UV	178	0.0300								1
CBN (%AR)	005.10	Other LC-UV	116	0.0491	<0.0400	0.0410						1
CBN (%AR)	005.99	Other	137	<0.0290	<0.0295	<0.0293						1
CBN (%AR)	005.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.30	GC-FID	185	<0.0100	<0.1000	<0.1000						1
CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.01	AOAC 2018.10	131	0.0300	0.0300	0.0300	0	0	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	145	0.0200	0.0200	0.0200	0	0	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	204	0.0280	0.0278	0.0281	0.55	0.08	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	189	0.0271	0.0267	0.0272	0.98	0.14	5.29	0	43.3	0
CBN (%AR)	005.20	Other LC-MS	122	0.0257	0.0261	0.0255	1.19	0.17	5.29	0	43.3	0
CBN (%AR)	005.30	GC-FID	163	0.0480	0.0490	0.0490	1.19	0.19	5.29	0	43.3	0
CBN (%AR)	005.20	Other LC-MS	159	0.0241	0.0249	0.0240	2.03	0.29	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	196	0.0205	0.0210	0.0214	2.15	0.3	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	202	0.0252	0.0263	0.0257	2.14	0.31	5.29	0	43.3	0
CBN (%AR)	005.99	Other	154	0.0306	0.0298	0.0311	2.15	0.32	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	186	0.0295	0.0285	0.0280	2.66	0.39	5.29	0	43.3	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	142	0.0256	0.0251	0.0265	2.76	0.4	5.29	0	43.3	0
CBN (%AR)	005.01	AOAC 2018.10	155	0.0340	0.0350	0.0330	2.94	0.44	5.29	0	43.3	0
CBN (%AR)	005.30	GC-FID	116	0.0475	0.0463	0.0493	3.17	0.5	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	200	0.0280	0.0260	0.0275	3.83	0.56	5.29	0	43.3	0
CBN (%AR)	005.01	AOAC 2018.10	168	0.0283	0.0279	0.0301	4.07	0.6	5.29	0	43.3	0
CBN (%AR)	005.20	Other LC-MS	119	0.0303	0.0298	0.0322	4.12	0.61	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	144	0.0231	0.0241	0.0252	4.35	0.62	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	195	0.0267	0.0246	0.0250	4.38	0.63	5.29	0	43.3	0
CBN (%AR)	005.20	Other LC-MS	156	0.0327	0.0359	0.0352	4.86	0.74	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	132	0.0246	0.0226	0.0223	5.4	0.77	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	192	0.0299	0.0332	0.0306	5.57	0.83	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	198	0.0837	0.0760	0.0824	5.11	0.88	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	162	0.0314	0.0276	0.0289	6.59	0.97	5.29	0	43.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0338	0.0344	0.0297	7.84	1.18	5.29	0	43.3	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0212	0.0240	0.0250	8.42	1.2	5.29	0	43.3	0
CBN (%AR)	005.20	Other LC-MS	149	0.0300	0.0290	0.0250	9.45	1.38	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	141	0.0191	0.0179	0.0226	12.3	1.71	5.29	0	43.3	0
CBN (%AR)	005.30	GC-FID	138	0.0304	0.0378	0.0384	12.5	1.9	5.29	0	43.3	0
CBN (%AR)	005.10	Other LC-UV	149	0.0350	0.0340	0.0270	13.6	2.04	5.29	0	43.3	0
CBN (%AR)	005.99	Other	205	0.0260	0.0270	0.0200	15.6	2.23	5.29	0	43.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	6.4749	7.0620	7.7840	9.23	3.1	5.29	0	43.3	0
CBN (%AR)	005.99	Other	132	0.0300	0.0200	0.0200	24.7	3.53	5.29	0	43.3	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	106	0.0400	0.0200	0.0200	43.3	6.3	5.29	0	43.3	0
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.40	GC-FID	185	<0.0800	<0.1000	<0.1000						1
Total Δ9-THC (%AR)	006.10	Other LC-UV	178	0.3400								1
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.2870	0.2860	0.2879	0.33	0.07	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	123	0.2560	0.2550	0.2540	0.39	0.08	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2659	0.2647	0.2682	0.67	0.14	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3285	0.3238	0.3270	0.74	0.16	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2980	0.2995	0.2951	0.75	0.16	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2754	0.2797	0.2772	0.78	0.16	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	155	0.2610	0.2630	0.2650	0.76	0.16	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.2580	0.2614	0.2570	0.89	0.18	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.3019	0.2982	0.3037	0.93	0.19	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	202	0.2334	0.2381	0.2355	1	0.2	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.3319	0.3296	0.3256	0.97	0.21	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.99	Other	154	0.2955	0.2898	0.2951	1.08	0.23	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.2433	0.2438	0.2484	1.15	0.23	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	156	0.3916	0.3833	0.3869	1.07	0.23	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	159	0.2510	0.2570	0.2540	1.18	0.24	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.2031	0.2007	0.1981	1.25	0.25	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2623	0.2639	0.2686	1.24	0.25	3.48	0.33	14	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	0.2974	0.2903	0.2964	1.3	0.27	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.3030	0.3000	0.2950	1.35	0.28	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.3000	0.3049	0.2965	1.4	0.29	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3360	0.3460	0.3410	1.47	0.31	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	186	0.2868	0.2787	0.2791	1.62	0.34	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	150	0.2976	0.2881	0.2910	1.67	0.35	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2351	0.2441	0.2400	1.88	0.38	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	112	0.3000	0.2900	0.3000	1.95	0.41	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3126	0.3187	0.3065	1.95	0.41	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.2355	0.2455	0.2423	2.12	0.43	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.3449	0.3310	0.3395	2.07	0.44	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.2342	0.2410	0.2308	2.21	0.45	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.2690	0.2586	0.2592	2.23	0.46	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2978	0.2855	0.2967	2.32	0.48	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3439	0.3486	0.3596	2.3	0.49	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2660	0.2752	0.2800	2.6	0.54	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.3008	0.3004	0.2870	2.65	0.55	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.3127	0.3273	0.3290	2.77	0.59	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.2318	0.2185	0.2233	3	0.6	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2813	0.2896	0.2991	3.07	0.64	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.4014	0.3800	0.3830	2.99	0.65	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.2827	0.2631	0.2691	3.7	0.76	3.48	0.33	14	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)	006.30	Other LC-MS	120	0.2962	0.2928	0.3169	4.32	0.9	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.2880	0.3090	0.2860	4.33	0.9	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.3050	0.2770	0.2910	4.81	1	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	108	0.3138	0.2862	0.3088	4.85	1.02	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	119	0.3125	0.2932	0.3245	5.09	1.07	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.3000	0.3100	0.2800	5.15	1.08	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	131	0.2800	0.2700	0.3000	5.39	1.12	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	198	0.2851	0.2607	0.2880	5.4	1.12	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.2627	0.2925	0.2755	5.4	1.12	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.3164	0.3205	0.3490	5.4	1.15	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.0286	0.0286	0.0328	8.08	1.2	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.2190	0.2250	0.2000	6.08	1.21	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	203	0.2600	0.2300	0.2500	6.19	1.26	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	145	0.2800	0.2800	0.2500	6.42	1.32	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2869	0.3206	0.3248	6.69	1.41	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.99	Other	132	0.3700	0.3300	0.3300	6.73	1.44	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2900	0.2800	0.3200	7.02	1.47	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	205	0.2420	0.2770	0.2410	8.09	1.65	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2376	0.2593	0.2794	8.08	1.65	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.6300	0.5500	0.5650	7.31	1.69	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.3283	0.2848	0.2755	9.52	1.99	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.2850	0.3210	0.3530	10.6	2.25	3.48	0.33	14	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2959	0.2999	0.2427	11.4	2.36	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	188	0.2688	0.2107	0.2430	12.1	2.45	3.48	0.33	14	0
Total Δ9-THC (%AR)	006.99	Other	172	0.2720	0.2631	0.3375	14	2.91	3.48	0.33	14	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	178	7.2500								1
Total CBD (%AR)	007.60	NIR	187	5.4804	5.4914	5.5035	0.21	0.07	2.37	0.21	17	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	5.8837	5.8540	5.8636	0.26	0.08	2.37	0.21	17	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	6.3951	6.3684	6.3611	0.28	0.09	2.37	0.21	17	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	7.1632	7.1718	7.1147	0.43	0.14	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	204	7.0596	6.9970	7.0286	0.44	0.15	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	123	7.3710	7.3430	7.2970	0.51	0.17	2.37	0.21	17	0
Total CBD (%AR)	007.30	Other LC-MS	122	7.5729	7.4958	7.5548	0.54	0.18	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	150	6.9613	6.9572	6.8695	0.75	0.25	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	186	7.1142	7.1079	7.0180	0.76	0.26	2.37	0.21	17	0
Total CBD (%AR)	007.30	Other LC-MS	159	6.5400	6.5700	6.4700	0.79	0.26	2.37	0.21	17	0
Total CBD (%AR)	007.01	AOAC 2018.10	131	7.6200	7.7700	7.6300	1.09	0.37	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	109	7.9590	7.9260	7.7730	1.26	0.43	2.37	0.21	17	0
Total CBD (%AR)	007.30	Other LC-MS	156	7.4744	7.6605	7.5998	1.25	0.43	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	189	6.8357	6.6617	6.6977	1.36	0.46	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	205	6.8560	6.7330	6.6740	1.37	0.46	2.37	0.21	17	0
Total CBD (%AR)	007.30	Other LC-MS	188	7.5110	7.3630	7.5670	1.41	0.48	2.37	0.21	17	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)	007.30	Other LC-MS	164	7.2084	6.9867	7.1227	1.57	0.53	2.37	0.21	17	0
Total CBD (%AR)	007.40	GC-FID	163	6.9690	7.1930	7.0810	1.58	0.53	2.37	0.21	17	0
Total CBD (%AR)	007.01	AOAC 2018.10	168	6.8040	6.6091	6.8004	1.65	0.55	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	203	6.8300	7.0500	6.9900	1.63	0.55	2.37	0.21	17	0
Total CBD (%AR)	007.40	GC-FID	170	8.1712	8.2846	8.4434	1.65	0.57	2.37	0.21	17	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	7.4044	7.1755	7.1679	1.85	0.63	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	197	7.4010	7.3080	7.1140	2.01	0.68	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	192	5.5912	5.4821	5.3608	2.1	0.68	2.37	0.21	17	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	108	6.6480	6.5030	6.7790	2.08	0.69	2.37	0.21	17	0
Total CBD (%AR)	007.40	GC-FID	116	7.3953	7.1083	7.1232	2.24	0.76	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	145	7.5300	7.2600	7.2300	2.25	0.76	2.37	0.21	17	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	7.8814	8.2432	8.0611	2.24	0.77	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	116	6.8158	7.1416	7.0247	2.36	0.79	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	196	6.1610	6.4620	6.3140	2.38	0.79	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	200	6.4096	6.2424	6.0684	2.73	0.9	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	142	7.1698	6.8234	6.8625	2.73	0.91	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	144	7.5618	7.3304	7.1459	2.84	0.96	2.37	0.21	17	0
Total CBD (%AR)	007.99	Other	172	7.1704	7.5568	7.5363	2.93	0.99	2.37	0.21	17	0
Total CBD (%AR)	007.01	AOAC 2018.10	155	6.0700	6.1300	5.7700	3.22	1.06	2.37	0.21	17	0
Total CBD (%AR)	007.99	Other	154	6.1464	5.7515	5.9116	3.35	1.1	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	172	7.6780	8.0667	8.1918	3.36	1.15	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	194	7.3928	7.5034	7.0240	3.44	1.16	2.37	0.21	17	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	7.1200	7.5960	7.2080	3.47	1.17	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	141	6.0717	5.6420	5.7657	3.8	1.24	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	198	6.9082	6.4195	6.8681	4.03	1.34	2.37	0.21	17	0
Total CBD (%AR)	007.60	NIR	138	9.2000	8.5050	8.7450	4	1.39	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	162	7.1396	7.1321	7.6945	4.41	1.49	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	202	5.9821	6.0457	6.5034	4.6	1.52	2.37	0.21	17	0
Total CBD (%AR)	007.10	Other LC-UV	191	3.3669	3.7392	3.6898	5.62	1.71	2.37	0.21	17	0
Total CBD (%AR)	007.40	GC-FID	138	7.6707	8.3211	8.4641	5.19	1.78	2.37	0.21	17	0
Total CBD (%AR)	007.30	Other LC-MS	119	7.1680	6.5600	7.2497	5.39	1.81	2.37	0.21	17	0
Total CBD (%AR)	007.99	Other	132	7.5500	6.7800	6.7000	6.7	2.25	2.37	0.21	17	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.1100	7.8700	7.0930	6.91	2.35	2.37	0.21	17	0
Total CBD (%AR)	007.40	GC-FID	185	10.0400	12.7080	14.1690	17	6.21	2.37	0.21	17	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	194	<0.0239	<0.0239	<0.0239						1
CBDV (%AR)	008.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	197	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	203	<0.0040	0.0190	0.0180						1
CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.02	AOAC 2018.11, U	108	<0.0050	<0.0050	<0.0050						1
CBDV (%AR)	008.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	196	<0.0205	<0.0205	<0.0205						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDV (%AR)	008.99	Other	132	0.0200	0.0200	0.0200	0	0	6.71	0	128	0
CBDV (%AR)	008.99	Other	202	0.0157	0.0165	0.0161	2.48	0.34	6.71	0	128	0
CBDV (%AR)	008.99	Other	159	0.0357	0.0365	0.0347	2.53	0.38	6.71	0	128	0
CBDV (%AR)	008.99	Other	200	0.0294	0.0286	0.0279	2.62	0.39	6.71	0	128	0
CBDV (%AR)	008.99	Other	109	0.1100	0.1090	0.1050	2.45	0.44	6.71	0	128	0
CBDV (%AR)	008.99	Other	189	0.0361	0.0345	0.0376	4.3	0.65	6.71	0	128	0
CBDV (%AR)	008.99	Other	205	0.0450	0.0520	0.0510	7.67	1.22	6.71	0	128	0
CBDV (%AR)	008.99	Other	149	0.0362	0.0320	0.0300	9.67	1.45	6.71	0	128	0
CBDV (%AR)	008.99	Other	106	0.0600	0.0500	0.0500	10.8	1.75	6.71	0	128	0
CBDV (%AR)	008.99	Other	195	0.0431	0.0428	0.0326	15.1	2.34	6.71	0	128	0
CBDV (%AR)	008.99	Other	186	0.0396	0.3840	0.0422	128	24.18	6.71	0	128	0

CBDVA (%AR)

CBDVA (%AR)	009.01	AOAC 2018.10	131	0.0400	0.0400	0.0400	0	0	4.37	0	8.79	0
CBDVA (%AR)	009.99	Other	159	0.0355	0.0354	0.0353	0.28	0.04	4.37	0	8.79	0
CBDVA (%AR)	009.99	Other	186	0.0888	0.0874	0.0860	1.6	0.28	4.37	0	8.79	0
CBDVA (%AR)	009.99	Other	154	0.0561	0.0556	0.0587	2.93	0.48	4.37	0	8.79	0
CBDVA (%AR)	009.99	Other	196	0.0293	0.0311	0.0315	3.83	0.57	4.37	0	8.79	0
CBDVA (%AR)	009.01	AOAC 2018.10	155	0.0390	0.0360	0.0380	4.06	0.62	4.37	0	8.79	0
CBDVA (%AR)	009.99	Other	203	0.0320	0.0330	0.0290	6.64	0.99	4.37	0	8.79	0
CBDVA (%AR)	009.02	AOAC 2018.11, U	108	0.0389	0.0454	0.0427	7.71	1.2	4.37	0	8.79	0
CBDVA (%AR)	009.01	AOAC 2018.10	168	0.0449	0.0470	0.0522	7.82	1.24	4.37	0	8.79	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	0.0440	0.0420	0.0370	8.79	1.36	4.37	0	8.79	0
CBG (%AR)												
CBG (%AR)	010.99	Other	141	<0.0120	<0.0120	<0.0120						1
CBG (%AR)	010.99	Other	123	<0.0880	<0.0930	<0.0880						1
CBG (%AR)	010.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	197	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	106	<0.0100	<0.0100	<0.0100						1
CBG (%AR)	010.99	Other	154	<0.0700	<0.0700	<0.0700						1
CBG (%AR)	010.99	Other	200	0.1898	0.1887	0.1886	0.35	0.07	7.45	0.35	51.8	0
CBG (%AR)	010.01	AOAC 2018.10	155	0.0890	0.0870	0.0880	1.14	0.2	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	159	0.0609	0.0597	0.0614	1.44	0.24	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	195	0.0710	0.0700	0.0685	1.8	0.3	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	203	0.0690	0.0680	0.0720	2.99	0.5	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	196	0.0540	0.0575	0.0560	3.14	0.51	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	205	0.0960	0.0890	0.0920	3.8	0.67	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	119	0.0804	0.0770	0.0838	4.23	0.73	7.45	0.35	51.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	108	0.0941	0.0893	0.0972	4.26	0.75	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	142	0.0670	0.0610	0.0640	4.69	0.78	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	204	0.1080	0.1021	0.0984	4.71	0.84	7.45	0.35	51.8	0
CBG (%AR)	010.01	AOAC 2018.10	168	0.1028	0.1097	0.0980	5.68	1.01	7.45	0.35	51.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.1270	0.1266	0.1143	5.89	1.08	7.45	0.35	51.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.99	Other	194	0.0755	0.0845	0.0864	7.09	1.22	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	132	0.0800	0.0700	0.0700	7.87	1.33	7.45	0.35	51.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	152	0.1139	0.1257	0.1077	7.9	1.43	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	149	0.0780	0.0750	0.0660	8.55	1.45	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	188	0.0780	0.0725	0.0904	11.4	1.96	7.45	0.35	51.8	0
CBG (%AR)	010.01	AOAC 2018.10	131	0.1100	0.1000	0.0800	15.8	2.79	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	202	0.0660	0.0862	0.0507	26.3	4.4	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	162	0.0481	0.0402	0.0714	30.5	4.92	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	189	0.0552	0.0527	0.0924	33.3	5.56	7.45	0.35	51.8	0
CBG (%AR)	010.99	Other	186	0.0163	0.0547	0.0426	51.8	7.95	7.45	0.35	51.8	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBGA (%AR)	011.02	AOAC 2018.11, U	108	<0.0008	<0.0008	<0.0008						1
CBGA (%AR)	011.99	Other	132	0.0900	<0.0100	0.0700						1
CBGA (%AR)	011.01	AOAC 2018.10	131	0.1100	0.1100	0.1100	0	0	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	196	0.0793	0.0809	0.0801	1	0.17	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	123	0.1060	0.1040	0.1040	1.1	0.2	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	203	0.1030	0.1000	0.1010	1.51	0.27	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	154	0.1201	0.1186	0.1234	2.03	0.37	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	202	0.0909	0.0949	0.0930	2.15	0.38	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	189	0.1192	0.1150	0.1146	2.19	0.4	5.28	0	23.8	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	186	0.1060	0.1065	0.1013	2.74	0.49	5.28	0	23.8	0
CBGA (%AR)	011.01	AOAC 2018.10	155	0.1200	0.1130	0.1170	3.01	0.55	5.28	0	23.8	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.1184	0.1279	0.1240	3.87	0.71	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	204	0.1175	0.1114	0.1086	4.05	0.73	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	159	0.0598	0.0585	0.0638	4.55	0.75	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	195	0.0993	0.0979	0.0910	4.63	0.82	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	141	0.0538	0.0481	0.0507	5.61	0.9	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	194	0.0913	0.0880	0.0809	6.13	1.06	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	162	0.0928	0.1009	0.0898	6.08	1.07	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	197	0.0930	0.0800	0.0880	7.54	1.31	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	149	0.0890	0.0870	0.0770	7.62	1.32	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	205	0.1070	0.0980	0.0920	7.63	1.35	5.28	0	23.8	0
CBGA (%AR)	011.01	AOAC 2018.10	168	0.0994	0.0994	0.1160	9.13	1.63	5.28	0	23.8	0
CBGA (%AR)	011.02	AOAC 2018.11, U	152	0.1177	0.0956	0.1077	10.3	1.85	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	188	0.1102	0.0906	0.0919	11.2	1.99	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	106	0.1000	0.1000	0.0700	19.2	3.36	5.28	0	23.8	0
CBGA (%AR)	011.99	Other	142	0.1365	0.1111	0.1780	23.8	4.45	5.28	0	23.8	0

THCV (%AR)

THCV (%AR)	012.99	Other	109	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.02	AOAC 2018.11, U	108	<0.0051	<0.0051	<0.0051						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	149	<0.0240	<0.0240	<0.0240						1
THCV (%AR)	012.99	Other	197	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	188	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	123	<0.0880	<0.0930	<0.0880						1
THCV (%AR)	012.99	Other	132	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	168	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	186	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	195	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	203	0.0000	0.0000	<0.0290						1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	154	<0.0150	<0.0150	<0.0150						1
THCV (%AR)	012.99	Other	194	<0.0239	<0.0239	<0.0239						1
THCV (%AR)	012.99	Other	200	0.0290	0.0283	0.0292	1.64	0.24				0
THCV (%AR)	012.99	Other	189	0.0374	0.0358	0.0367	2.19	0.33				0
THCV (%AR)	012.99	Other	202	0.0150	0.0159	0.0150	3.4	0.45				0
THCV (%AR)	012.03	AOAC 2018.11, M	159	0.0162	0.0174	0.0169	3.58	0.49				0
THCV (%AR)	012.99	Other	119	0.0145	0.0142	0.0154	4.25	0.57				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.01	AOAC 2018.10	131	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	205	<0.0070	<0.0070	<0.0070						1

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	196	<0.0205	<0.0205	<0.0205	0					1
Δ8-THC (%AR)	013.99	Other	188	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	202	<0.0001	<0.0001	<0.0001						1
Δ8-THC (%AR)	013.99	Other	203	0.0000	0.0000	0.0000						0
Δ8-THC (%AR)	013.99	Other	197	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	186	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	159	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	154	<0.0490	<0.0490	<0.0490						1
Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	149	<0.0240	<0.0240	<0.0240						1
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	108	<0.0045	<0.0045	<0.0045						1
Δ8-THC (%AR)	013.99	Other	194	<0.0239	<0.0239	<0.0239						1
Δ8-THC (%AR)	013.99	Other	109	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	123	<0.0880	<0.0930	<0.0880						1
Δ8-THC (%AR)	013.99	Other	200	<0.0025	<0.0025	<0.0025						1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	195	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	189	0.0035	0.0154	0.0102	61.5	7.69				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBC (%AR)								
CBC (%AR)	014.99	Other	204	0.2097	0.2095	0.2106	0.28	0.06	3.44	0.28	12	0
CBC (%AR)	014.99	Other	203	0.1890	0.1920	0.1880	1.1	0.21	3.44	0.28	12	0
CBC (%AR)	014.99	Other	195	0.2072	0.2038	0.2027	1.15	0.23	3.44	0.28	12	0
CBC (%AR)	014.99	Other	154	0.1729	0.1721	0.1689	1.24	0.24	3.44	0.28	12	0
CBC (%AR)	014.99	Other	186	0.1976	0.1922	0.1952	1.39	0.27	3.44	0.28	12	0
CBC (%AR)	014.99	Other	162	0.2236	0.2189	0.2259	1.6	0.32	3.44	0.28	12	0
CBC (%AR)	014.99	Other	189	0.2167	0.2089	0.2129	1.83	0.36	3.44	0.28	12	0
CBC (%AR)	014.01	AOAC 2018.10	168	0.1880	0.1829	0.1815	1.86	0.36	3.44	0.28	12	0
CBC (%AR)	014.99	Other	142	0.1908	0.1835	0.1898	2.1	0.41	3.44	0.28	12	0
CBC (%AR)	014.99	Other	196	0.1741	0.1817	0.1791	2.17	0.42	3.44	0.28	12	0
CBC (%AR)	014.99	Other	109	0.2320	0.2270	0.2220	2.2	0.44	3.44	0.28	12	0
CBC (%AR)	014.99	Other	202	0.2175	0.2095	0.2085	2.33	0.46	3.44	0.28	12	0
CBC (%AR)	014.99	Other	200	0.2020	0.1920	0.1952	2.6	0.51	3.44	0.28	12	0
CBC (%AR)	014.99	Other	159	0.1460	0.1540	0.1480	2.79	0.53	3.44	0.28	12	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2331	0.2457	0.2384	2.65	0.54	3.44	0.28	12	0
CBC (%AR)	014.99	Other	123	0.2110	0.2020	0.1990	3.06	0.6	3.44	0.28	12	0
CBC (%AR)	014.99	Other	188	0.2077	0.2024	0.2186	3.94	0.78	3.44	0.28	12	0
CBC (%AR)	014.99	Other	119	0.2419	0.2286	0.2487	4.26	0.86	3.44	0.28	12	0
CBC (%AR)	014.02	AOAC 2018.11, U	108	0.2268	0.2079	0.2129	4.54	0.9	3.44	0.28	12	0
CBC (%AR)	014.99	Other	149	0.2100	0.2100	0.1900	5.68	1.12	3.44	0.28	12	0
CBC (%AR)	014.99	Other	106	0.2100	0.2100	0.1900	5.68	1.12	3.44	0.28	12	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBC (%AR)	014.99	Other	205	0.2110	0.1870	0.1900	6.67	1.31	3.44	0.28	12	0
CBC (%AR)	014.01	AOAC 2018.10	155	0.2070	0.1810	0.1900	6.85	1.34	3.44	0.28	12	0
CBC (%AR)	014.99	Other	197	0.2030	0.2050	0.1800	7.09	1.39	3.44	0.28	12	0
CBC (%AR)	014.99	Other	132	0.2300	0.2000	0.2000	8.25	1.64	3.44	0.28	12	0
CBC (%AR)	014.01	AOAC 2018.10	131	0.2000	0.2100	0.2500	12	2.4	3.44	0.28	12	0

Cd (ug/g AR)

Cd (ug/g AR)	101.99	Other	195	<21.2200	<14.5600	<14.8500						1
Cd (ug/g AR)	101.04	ICP-MS	162	0.1723	0.1723	0.1662	2.07	0.4	5.67	2.07	13.8	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.1580	0.1610	0.1530	2.57	0.49	5.67	2.07	13.8	0
Cd (ug/g AR)	101.04	ICP-MS	168	0.1750	0.1690	0.1660	2.7	0.52	5.67	2.07	13.8	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1780	0.1800	0.1899	3.49	0.68	5.67	2.07	13.8	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.1710	0.1630	0.1780	4.4	0.85	5.67	2.07	13.8	0
Cd (ug/g AR)	101.04	ICP-MS	137	0.1730	0.1850	0.1650	5.77	1.11	5.67	2.07	13.8	0
Cd (ug/g AR)	101.03	ICP-OES	132	0.1360	0.1310	0.1480	6.32	1.18	5.67	2.07	13.8	0
Cd (ug/g AR)	101.04	ICP-MS	122	0.1858	0.1504	0.1849	11.6	2.24	5.67	2.07	13.8	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.1680	0.1350	0.1320	13.8	2.58	5.67	2.07	13.8	0

As (ug/g AR)

As (ug/g AR)	102.99	Other	195	<0.8400	<0.7880	2.2640						1
As (ug/g AR)	102.04	ICP-MS	197	0.3280	0.3400	0.3348	1.8	0.38	5.74	1.8	31.4	0
As (ug/g AR)	102.04	ICP-MS	196	0.5150	0.5340	0.5170	2	0.45	5.74	1.8	31.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
As (ug/g AR)	102.04	ICP-MS	142	0.3050	0.3190	0.3130	2.25	0.47	5.74	1.8	31.4	0
As (ug/g AR)	102.04	ICP-MS	168	0.3220	0.3360	0.3250	2.25	0.48	5.74	1.8	31.4	0
As (ug/g AR)	102.04	ICP-MS	162	0.3841	0.3780	0.3550	4.12	0.89	5.74	1.8	31.4	0
As (ug/g AR)	102.04	ICP-MS	137	0.3690	0.3690	0.3350	5.49	1.18	5.74	1.8	31.4	0
As (ug/g AR)	102.04	ICP-MS	122	0.3166	0.2727	0.3164	8.38	1.75	5.74	1.8	31.4	0
As (ug/g AR)	102.04	ICP-MS	141	0.3480	0.2900	0.2800	12	2.52	5.74	1.8	31.4	0
As (ug/g AR)	102.03	ICP-OES	132	0.7200	0.4200	0.4460	31.4	7.16	5.74	1.8	31.4	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	162	<0.1000	<0.1000	<0.1000						1
Hg (ug/g AR)	103.99	Other	195	<1.6560	<1.6930	<1.8880						1
Hg (ug/g AR)	103.04	ICP-MS	137	0.0131	<0.0094	0.0096						1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0139	<0.0139	0.0150						1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0990	<0.0990	<0.1025						1
Hg (ug/g AR)	103.04	ICP-MS	168	<0.0140	<0.0130	<0.0130						1
Hg (ug/g AR)	103.04	ICP-MS	196	0.0083	0.0092	0.0074	10.8	1.32				0
Hg (ug/g AR)	103.04	ICP-MS	122	0.0078	0.0059	0.0082	16.8	2.02				0

Pb (ug/g AR)

Pb (ug/g AR)	104.99	Other	195	<2.4000	<2.3620	<6.6700						1
Pb (ug/g AR)	104.02	furnace AA	132	0.2120	0.2120	0.2120	0	0	5.96	0	11.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Pb (ug/g AR)	104.04	ICP-MS	122	0.9857	0.9709	0.9783	0.76	0.19	5.96	0	11.7	0
Pb (ug/g AR)	104.04	ICP-MS	141	1.1900	1.1800	1.1100	3.76	0.96	5.96	0	11.7	0
Pb (ug/g AR)	104.04	ICP-MS	162	1.0702	1.1924	1.0995	5.69	1.45	5.96	0	11.7	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.8810	0.9830	0.8799	6.47	1.6	5.96	0	11.7	0
Pb (ug/g AR)	104.04	ICP-MS	137	1.0900	1.2200	1.2500	7.17	1.84	5.96	0	11.7	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.9100	1.0070	1.0810	8.58	2.15	5.96	0	11.7	0
Pb (ug/g AR)	104.04	ICP-MS	168	1.3000	1.0800	1.1600	9.44	2.42	5.96	0	11.7	0
Pb (ug/g AR)	104.04	ICP-MS	196	1.1500	1.3500	1.0800	11.7	3.02	5.96	0	11.7	0

Cu (ug/g AR)

Cu (ug/g AR)	105.04	ICP-MS	122	4.2700	4.1808	4.3554	2.05	0.64				0
Cu (ug/g AR)	105.03	ICP-OES	132	11.8720	11.4480	11.8720	2.09	0.76				0
Cu (ug/g AR)	105.04	ICP-MS	142	16.0420	15.6780	14.7280	4.38	1.66				0
Cu (ug/g AR)	105.99	Other	195	12.3950	14.2450	13.7050	7.07	2.62				0
Cu (ug/g AR)	105.04	ICP-MS	196	13.0000	15.0000	13.0000	8.45	3.13				0

Ni (ug/g AR)

Ni (ug/g AR)	106.04	ICP-MS	122	4.2700	4.1808	4.2254	1.06	0.33	3.73	1.06	22.1	0
Ni (ug/g AR)	106.04	ICP-MS	141	4.0800	4.1000	3.9400	2.16	0.67	3.73	1.06	22.1	0
Ni (ug/g AR)	106.04	ICP-MS	142	4.0240	4.0370	4.1910	2.27	0.7	3.73	1.06	22.1	0
Ni (ug/g AR)	106.04	ICP-MS	196	4.1200	4.2700	4.0500	2.71	0.84	3.73	1.06	22.1	0
Ni (ug/g AR)	106.03	ICP-OES	132	1.7810	1.8660	1.9930	5.68	1.56	3.73	1.06	22.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Ni (ug/g AR)	106.99	Other	195	3.9160	6.1640	5.3110	22.1	7.08	3.73	1.06	22.1	0
Cr (ug/g AR)												
Cr (ug/g AR)	107.99	Other	195	<5.7540	<5.7530	<5.8150						1
Cr (ug/g AR)	107.04	ICP-MS	197	12.9710	13.1250	13.0599	0.59	0.22	2.38	0.59	6.65	0
Cr (ug/g AR)	107.04	ICP-MS	141	12.4000	12.5000	12.3000	0.81	0.29	2.38	0.59	6.65	0
Cr (ug/g AR)	107.03	ICP-OES	132	1.6540	1.6960	1.6960	1.44	0.39	2.38	0.59	6.65	0
Cr (ug/g AR)	107.04	ICP-MS	122	12.1475	11.7718	11.9597	1.57	0.57	2.38	0.59	6.65	0
Cr (ug/g AR)	107.04	ICP-MS	196	11.6000	12.1000	11.2000	3.88	1.4	2.38	0.59	6.65	0
Cr (ug/g AR)	107.04	ICP-MS	142	5.7510	5.4260	6.1930	6.65	2.17	2.38	0.59	6.65	0
Se (ug/g AR)												
Se (ug/g AR)	108.99	Other	195	<0.9250	<0.9880	<0.1250						1
Se (ug/g AR)	108.04	ICP-MS	197	0.1630	0.1710	0.1579	4.03	0.77				0
Se (ug/g AR)	108.04	ICP-MS	141	0.3270	0.2780	0.2990	8.16	1.71				0
Se (ug/g AR)	108.03	ICP-OES	132	2.3740	2.4590	2.1620	6.56	1.87				0
Se (ug/g AR)	108.04	ICP-MS	196	7.4000	6.4400	7.5500	8.45	2.84				0
Se (ug/g AR)	108.04	ICP-MS	142	0.1500	0.1090	0.1420	16.3	3.01				0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						1
Ag (ug/g AR)	109.99	Other	195	<17.2000	<8.8380	<11.4100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Ag (ug/g AR)	109.04	ICP-MS	122	0.0429	0.0577	0.0503	14.7	2.35				0
Ag (ug/g AR)	109.03	ICP-OES	132	0.0360	0.0360	0.0000	86.6	12.4				0
Ba (ug/g AR)												
Ba (ug/g AR)	110.99	Other	195	:71.6500	:71.9700	<71.8700						1
Ba (ug/g AR)	110.04	ICP-MS	122	55.4917	57.7376	57.9350	2.38	1.09				0
Ba (ug/g AR)	110.03	ICP-OES	132	37.7360	38.5840	40.0680	3.04	1.32				0
Zn (ug/g AR)												
Zn (ug/g AR)	111.03	ICP-OES	132	47.9120	47.4880	47.0640	0.89	0.4	6.41	0.89	18.6	0
Zn (ug/g AR)	111.04	ICP-MS	196	64.1000	65.6000	64.7000	1.17	0.55	6.41	0.89	18.6	0
Zn (ug/g AR)	111.04	ICP-MS	122	52.8297	53.9311	54.2635	1.4	0.64	6.41	0.89	18.6	0
Zn (ug/g AR)	111.99	Other	195	47.2780	44.4550	45.8970	3.08	1.37	6.41	0.89	18.6	0
Zn (ug/g AR)	111.04	ICP-MS	142	52.1710	58.1380	67.8450	13.3	6.16	6.41	0.89	18.6	0
Zn (ug/g AR)	111.04	ICP-MS	141	59.2000	44.7000	42.5000	18.6	8.35	6.41	0.89	18.6	0
Sb (ug/g AR)												
Sb (ug/g AR)	112.99	Other	195	:38.4200	:42.3400	<47.2600						1
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	0.0250	0.0241						1
Moisture (%AR)												
Moisture (%AR)	500.99	Other	178	3.8500								1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.70	Commerc. Anal.	204	6.8100	6.8100	6.8100	0	0	3.95	0	11.2	0
Moisture (%AR)	500.99	Other	103	5.9700	5.9700	5.9700	0	0	3.95	0	11.2	0
Moisture (%AR)	500.99	Other	142	6.2600	6.2600	6.2600	0	0	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.3600	6.3800	6.3300	0.4	0.13	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.0550	7.1500	7.3600	2.17	0.73	3.95	0	11.2	0
Moisture (%AR)	500.99	Other	165	7.9237	8.3077	8.2353	2.5	0.86	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	119	6.5900	6.9400	6.9000	2.81	0.94	3.95	0	11.2	0
Moisture (%AR)	500.99	Other	132	5.9400	6.1000	6.2900	2.87	0.94	3.95	0	11.2	0
Moisture (%AR)	500.72	NIR	138	9.1000	8.6000	8.7000	3.01	1.04	3.95	0	11.2	0
Moisture (%AR)	500.72	NIR	187	5.1028	5.3895	5.4904	3.77	1.22	3.95	0	11.2	0
Moisture (%AR)	500.50	AOAC 930.15	199	7.9142	8.2768	8.5228	3.72	1.28	3.95	0	11.2	0
Moisture (%AR)	500.50	AOAC 930.15	105	8.5400	9.2800	8.9400	4.15	1.44	3.95	0	11.2	0
Moisture (%AR)	500.99	Other	120	5.7660	6.1414	6.4639	5.7	1.88	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	198	5.5700	5.7400	6.2300	5.86	1.91	3.95	0	11.2	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.0243	9.6748	10.1495	5.87	2.07	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	183	9.8600	8.9800	8.6100	7.02	2.45	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.1900	7.0200	7.1300	7.58	2.53	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	186	6.7800	5.5400	6.1600	10.1	3.31	3.95	0	11.2	0
Moisture (%AR)	500.70	Commerc. Anal.	109	6.5500	5.6100	7.0100	11.2	3.7	3.95	0	11.2	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	178	0.2400								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-THC (%DW)	501.60	NIR	187	0.1845	0.1847	0.1853	0.22	0.04	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.2250	0.2260	0.2250	0.26	0.05	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	156	0.3652	0.3618	0.3639	0.47	0.1	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2731	0.2720	0.2684	0.91	0.19	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2597	0.2551	0.2607	1.16	0.24	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	186	0.2509	0.2451	0.2455	1.31	0.27	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	194	0.2510	0.2494	0.2432	1.66	0.34	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.2242	0.2151	0.2223	2.18	0.43	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2586	0.2701	0.2606	2.34	0.48	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	188	0.2197	0.2143	0.2254	2.53	0.5	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.2071	0.2179	0.2126	2.54	0.5	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2769	0.2810	0.2678	2.45	0.51	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.2600	0.2590	0.2710	2.53	0.52	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.2532	0.2508	0.2658	3.14	0.64	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.99	Other	183	0.2680	0.2770	0.2591	3.34	0.69	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.2535	0.2353	0.2413	3.81	0.77	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	198	0.2611	0.2404	0.2570	4.34	0.88	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.2430	0.2660	0.2470	4.88	0.99	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2910	0.3032	0.2742	5.03	1.05	2.51	0.23	16.2	0
Δ9-THC (%DW)	501.99	Other	172	0.2262	0.2423	0.3054	16.2	3.32	2.51	0.23	16.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				Δ9-THCA (%DW)								
Δ9-THCA (%DW)	502.10	Other LC-UV	178	0.1100								1
Δ9-THCA (%DW)	502.30	Other LC-MS	188	0.0613	<0.0500	<0.0500						1
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.0530	0.0530	0.0530	0	0	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.0733	0.0740	0.0744	0.75	0.13	5.26	0	20.6	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0492	0.0477	0.0491	1.72	0.27	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0650	0.0676	0.0679	2.39	0.4	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.0497	0.0509	0.0523	2.55	0.41	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.0548	0.0517	0.0522	3.15	0.51	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	186	0.0624	0.0591	0.0591	3.16	0.52	5.26	0	20.6	0
Δ9-THCA (%DW)	502.30	Other LC-MS	156	0.0754	0.0703	0.0747	3.76	0.64	5.26	0	20.6	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0576	0.0621	0.0618	4.16	0.68	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.0740	0.0690	0.0690	4.09	0.69	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0767	0.0711	0.0714	4.31	0.73	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0658	0.0702	0.0624	5.91	0.99	5.26	0	20.6	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0667	0.0757	0.0714	6.32	1.07	5.26	0	20.6	0
Δ9-THCA (%DW)	502.60	NIR	187	0.0336	0.0313	0.0276	9.82	1.46	5.26	0	20.6	0
Δ9-THCA (%DW)	502.99	Other	183	0.0752	0.0710	0.0628	9.05	1.52	5.26	0	20.6	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.0698	0.0698	0.0832	10.4	1.77	5.26	0	20.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	198	0.0475	0.0417	0.0558	14.7	2.33	5.26	0	20.6	0
Δ9-THCA (%DW)	502.99	Other	172	0.0876	0.0579	0.0805	20.6	3.5	5.26	0	20.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBD (%DW)								
CBD (%DW)	503.10	Other LC-UV	178	3.3300								1
CBD (%DW)	503.10	Other LC-UV	118	3.2500	3.2650	3.2570	0.23	0.07	1.98	0.23	5.26	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	3.9784	4.0006	4.0147	0.46	0.14	1.98	0.23	5.26	0
CBD (%DW)	503.60	NIR	187	2.8754	2.8929	2.9097	0.59	0.17	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	204	3.9157	3.8721	3.8840	0.58	0.18	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	186	3.9078	3.8774	3.8350	0.94	0.29	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	109	4.1340	4.0700	4.0660	0.93	0.29	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	142	4.0483	3.9707	4.0132	0.97	0.3	1.98	0.23	5.26	0
CBD (%DW)	503.30	Other LC-MS	188	3.9340	3.9150	3.8250	1.5	0.46	1.98	0.23	5.26	0
CBD (%DW)	503.30	Other LC-MS	105	3.4100	3.5200	3.5100	1.75	0.53	1.98	0.23	5.26	0
CBD (%DW)	503.30	Other LC-MS	156	4.6088	4.7546	4.7324	1.67	0.53	1.98	0.23	5.26	0
CBD (%DW)	503.99	Other	183	4.0457	4.0379	3.8706	2.48	0.77	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	116	3.8900	4.1108	4.0157	2.77	0.85	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	196	3.4960	3.7070	3.6630	3.07	0.93	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	194	3.9373	3.9142	3.7048	3.33	1.02	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	198	3.6192	3.3861	3.6059	3.7	1.12	1.98	0.23	5.26	0
CBD (%DW)	503.10	Other LC-UV	172	4.4738	4.6745	4.2653	4.58	1.44	1.98	0.23	5.26	0
CBD (%DW)	503.99	Other	172	4.1066	4.4138	4.5551	5.26	1.64	1.98	0.23	5.26	0
				CBDA (%DW)								
CBDA (%DW)	504.10	Other LC-UV	178	4.2100								1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.60	NIR	187	3.3068	3.3204	3.3226	0.26	0.08	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	204	4.1731	4.1463	4.1713	0.36	0.11	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	118	3.6980	3.7300	3.6930	0.54	0.17	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	186	4.1886	4.2155	4.1548	0.73	0.23	2.47	0.26	7.63	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	4.3335	4.3539	4.2907	0.75	0.23	2.47	0.26	7.63	0
CBDA (%DW)	504.30	Other LC-MS	156	4.1202	4.1905	4.1873	0.95	0.3	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	109	4.9970	4.9330	4.8960	1.03	0.33	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	116	3.8641	4.0090	3.9751	1.92	0.59	2.47	0.26	7.63	0
CBDA (%DW)	504.99	Other	172	4.4251	4.5656	4.4002	2	0.63	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	196	3.5030	3.6980	3.5750	2.75	0.83	2.47	0.26	7.63	0
CBDA (%DW)	504.30	Other LC-MS	105	3.5200	3.6900	3.7100	2.87	0.87	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	198	4.2395	3.9134	4.2061	4.35	1.35	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	142	4.1052	3.7725	3.7715	4.95	1.52	2.47	0.26	7.63	0
CBDA (%DW)	504.10	Other LC-UV	172	4.6589	4.9242	4.4771	4.8	1.52	2.47	0.26	7.63	0
CBDA (%DW)	504.99	Other	183	4.6828	4.9974	4.4860	5.46	1.73	2.47	0.26	7.63	0
CBDA (%DW)	504.30	Other LC-MS	188	4.2270	4.0770	3.6420	7.63	2.35	2.47	0.26	7.63	0

CBN (%DW)

CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0550	<0.0550	<0.0550						1
CBN (%DW)	505.20	Other LC-MS	188	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	204	0.0300	0.0298	0.0302	0.67	0.1	4.23	0.67	17.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%DW)	505.20	Other LC-MS	105	0.0264	0.0260	0.0263	0.79	0.12	4.23	0.67	17.6	0
CBN (%DW)	505.10	Other LC-UV	196	0.0219	0.0226	0.0230	2.47	0.35	4.23	0.67	17.6	0
CBN (%DW)	505.10	Other LC-UV	186	0.0314	0.0304	0.0299	2.5	0.37	4.23	0.67	17.6	0
CBN (%DW)	505.10	Other LC-UV	142	0.0273	0.0268	0.0283	2.78	0.41	4.23	0.67	17.6	0
CBN (%DW)	505.30	GC-FID	116	0.0507	0.0494	0.0527	3.26	0.52	4.23	0.67	17.6	0
CBN (%DW)	505.20	Other LC-MS	156	0.0360	0.0394	0.0385	4.64	0.71	4.23	0.67	17.6	0
CBN (%DW)	505.10	Other LC-UV	192	0.0329	0.0368	0.0341	5.77	0.87	4.23	0.67	17.6	0
CBN (%DW)	505.10	Other LC-UV	198	0.0889	0.0807	0.0875	5.12	0.89	4.23	0.67	17.6	0
CBN (%DW)	505.10	Other LC-UV	116	0.0524	0.0420	0.0437	12.1	1.91	4.23	0.67	17.6	0
CBN (%DW)	505.99	Other	183	0.0241	0.0326	0.0339	17.6	2.61	4.23	0.67	17.6	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	178	0.3600								1
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.2710	0.2730	0.2720	0.37	0.08	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.3236	0.3265	0.3225	0.64	0.13	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.2828	0.2816	0.2853	0.67	0.14	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.3240	0.3200	0.3259	0.93	0.2	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.2140	0.2121	0.2095	1.07	0.21	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	156	0.4308	0.4214	0.4249	1.12	0.25	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.3176	0.3100	0.3166	1.31	0.28	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.3258	0.3325	0.3232	1.47	0.31	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	186	0.3056	0.2970	0.2974	1.62	0.34	3.14	0.37	14	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)	506.10	Other LC-UV	116	0.3339	0.3403	0.3273	1.95	0.41	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2574	0.2668	0.2569	2.14	0.44	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.2507	0.2626	0.2584	2.35	0.48	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.3030	0.3010	0.3140	2.29	0.48	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.3080	0.3270	0.3070	3.59	0.76	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.3016	0.2807	0.2871	3.7	0.77	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.99	Other	183	0.3340	0.3393	0.3142	4.02	0.85	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.3144	0.3120	0.3388	4.61	0.97	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.3487	0.3648	0.3290	5.16	1.1	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	198	0.3028	0.2769	0.3059	5.39	1.13	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.3146	0.3515	0.3561	6.68	1.42	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.3533	0.3067	0.2974	9.39	1.98	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	188	0.2734	0.2143	0.2254	13.2	2.67	3.14	0.37	14	0
Total Δ9-THC (%DW)	506.99	Other	172	0.3030	0.2931	0.3760	14	2.96	3.14	0.37	14	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	178	7.5400								1
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	7.7788	7.8190	7.7776	0.3	0.1	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	118	6.4930	6.5360	6.4960	0.37	0.12	2.28	0.3	5.19	0
Total CBD (%DW)	507.60	NIR	187	5.7755	5.8049	5.8236	0.42	0.14	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	204	7.5755	7.5084	7.5422	0.44	0.15	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	186	7.5812	7.5745	7.4787	0.76	0.26	2.28	0.3	5.19	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%DW)	507.10	Other LC-UV	109	8.5160	8.3970	8.3590	0.97	0.34	2.28	0.3	5.19	0
Total CBD (%DW)	507.30	Other LC-MS	156	8.2212	8.4286	8.4020	1.35	0.47	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	192	6.1458	6.0693	5.9663	1.49	0.49	2.28	0.3	5.19	0
Total CBD (%DW)	507.30	Other LC-MS	105	6.5000	6.7600	6.7600	2.25	0.75	2.28	0.3	5.19	0
Total CBD (%DW)	507.40	GC-FID	116	7.8976	7.5911	7.6070	2.24	0.76	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	116	7.2787	7.6267	7.5019	2.36	0.8	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	142	7.6486	7.2791	7.3208	2.73	0.92	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	196	6.5680	6.9500	6.7990	2.84	0.95	2.28	0.3	5.19	0
Total CBD (%DW)	507.99	Other	172	7.9874	8.4178	8.4141	2.99	1.03	2.28	0.3	5.19	0
Total CBD (%DW)	507.99	Other	183	8.1525	8.4207	7.8047	3.8	1.3	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	198	7.3373	6.8181	7.2946	4.03	1.36	2.28	0.3	5.19	0
Total CBD (%DW)	507.30	Other LC-MS	188	7.6410	7.4900	7.0190	4.39	1.49	2.28	0.3	5.19	0
Total CBD (%DW)	507.10	Other LC-UV	172	8.5596	8.9930	8.1919	4.67	1.62	2.28	0.3	5.19	0
Total CBD (%DW)	507.40	GC-FID	138	8.4109	9.1240	9.2808	5.19	1.81	2.28	0.3	5.19	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDV (%DW)	508.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBDV (%DW)	508.99	Other	186	0.0422	0.0410	0.0406	2.02	0.31				0
CBDV (%DW)	508.99	Other	109	0.1180	0.1160	0.1130	2.18	0.39				0
CBDV (%DW)	508.99	Other	183	0.0404	0.0468	0.0411	8.21	1.28				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBDVA (%DW)									
CBDVA (%DW)	509.99	Other	186	0.0946	0.0931	0.0917	1.56	0.27				0
CBDVA (%DW)	509.99	Other	183	0.0564	0.0562	0.0543	2.08	0.34				0
CBDVA (%DW)	509.99	Other	196	0.0312	0.0334	0.0339	4.37	0.66				0
			CBG (%DW)									
CBG (%DW)	510.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%DW)	510.99	Other	196	0.0576	0.0618	0.0603	3.55	0.58	19.28	3.55	55	0
CBG (%DW)	510.99	Other	142	0.0715	0.0651	0.0683	4.69	0.78	19.28	3.55	55	0
CBG (%DW)	510.99	Other	204	0.1056	0.1159	0.1096	4.7	0.85	19.28	3.55	55	0
CBG (%DW)	510.99	Other	188	0.0793	0.0738	0.0839	6.4	1.1	19.28	3.55	55	0
CBG (%DW)	510.99	Other	183	0.1060	0.0905	0.0922	8.83	1.56	19.28	3.55	55	0
CBG (%DW)	510.99	Other	186	0.0174	0.0583	0.0454	51.8	8.02	19.28	3.55	55	0
CBG (%DW)	510.99	Other	105	0.0677	0.0675	0.1620	55	9.75	19.28	3.55	55	0
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBGA (%DW)	511.99	Other	183	0.1231	0.1242	0.1232	0.49	0.09	7.76	0.49	23.8	0
CBGA (%DW)	511.99	Other	196	0.0845	0.0870	0.0863	1.5	0.26	7.76	0.49	23.8	0
CBGA (%DW)	511.99	Other	186	0.1130	0.1135	0.1079	2.78	0.5	7.76	0.49	23.8	0
CBGA (%DW)	511.99	Other	204	0.1261	0.1195	0.1165	4.07	0.74	7.76	0.49	23.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%DW)	511.99	Other	188	0.1121	0.0922	0.0852	14.5	2.55	7.76	0.49	23.8	0
CBGA (%DW)	511.99	Other	142	0.1456	0.1185	0.1899	23.8	4.5	7.76	0.49	23.8	0

THCV (%DW)

THCV (%DW)	512.99	Other	186	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	183	0.0000	0.0000	0.0000	0					0
THCV (%DW)	512.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%DW)	512.99	Other	188	<0.0500	<0.0500	<0.0500						1
THCV (%DW)	512.99	Other	109	<0.0500	<0.0500	<0.0500						1
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100						1

Δ8-THC (%DW)

Δ8-THC (%DW)	513.99	Other	183	0.0000	0.0000	0.0000	0					0
Δ8-THC (%DW)	513.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	109	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%DW)	513.99	Other	186	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%DW)	513.99	Other	188	<0.0500	<0.0500	<0.0500						1

CBC (%DW)

CBC (%DW)	514.99	Other	204	0.2250	0.2248	0.2260	0.28	0.06	1.8	0.29	2.77	0
CBC (%DW)	514.99	Other	105	0.2110	0.2110	0.2140	0.82	0.16	1.8	0.29	2.77	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBC (%DW)	514.99	Other	186	0.2105	0.2048	0.2081	1.38	0.27	1.8	0.29	2.77	0
CBC (%DW)	514.99	Other	109	0.2480	0.2410	0.2390	1.95	0.39	1.8	0.29	2.77	0
CBC (%DW)	514.99	Other	188	0.2112	0.2059	0.2028	2.06	0.41	1.8	0.29	2.77	0
CBC (%DW)	514.99	Other	183	0.2379	0.2446	0.2352	2.02	0.41	1.8	0.29	2.77	0
CBC (%DW)	514.99	Other	142	0.2035	0.1958	0.2025	2.09	0.41	1.8	0.29	2.77	0
CBC (%DW)	514.99	Other	196	0.1856	0.1954	0.1929	2.66	0.52	1.8	0.29	2.77	0
CBC (%DW)	514.99	Other	194	0.2243	0.2256	0.2144	2.77	0.55	1.8	0.29	2.77	0
Cd (ug/g DW)												
Cd (ug/g DW)	601.04	ICP-MS	105	0.1830	0.1850	0.1810	1.09	0.21				0
As (ug/g DW)												
As (ug/g DW)	602.04	ICP-MS	105	0.3460	0.3400	0.3560	2.33	0.5				0
Hg (ug/g DW)												
Hg (ug/g DW)	603.04	ICP-MS	105	<0.0100	<0.0100	<0.1000						1
Pb (ug/g DW)												
Pb (ug/g DW)	604.04	ICP-MS	105	1.2900	1.3400	1.1700	6.9	1.79				0
Cu (ug/g DW)												
Cu (ug/g DW)	605.04	ICP-MS	105	15.9000	15.8000	16.1000	0.96	0.36				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Ni (ug/g DW)												
Ni (ug/g DW)	606.04	ICP-MS	105	4.8100	4.7700	5.2200	5.05	1.61				0
Cr (ug/g DW)												
Cr (ug/g DW)	607.04	ICP-MS	105	13.3000	13.8000	13.8000	2.12	0.79				0
Se (ug/g DW)												
Se (ug/g DW)	608.04	ICP-MS	105	0.0830	0.0693	0.9200	136	29.28				0
Zn (ug/g DW)												
Zn (ug/g DW)	611.04	ICP-MS	105	61.1000	58.1000	63.1000	4.14	1.92				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