

Hemp Proficiency Testing

All Labs Precision

HM22NOV-1 (hemp)



Sample: HM22NOV-1 (hemp)

All Labs Precision

Issue Date: January 20, 2023

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)	001.02	AOAC 2018.11, U	120	0.1978	0.1982	0.1987	0.23	0.04	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2151	0.2138	0.2151	0.35	0.07	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2105	0.2124	0.2115	0.45	0.09	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1205	0.1221	0.121	0.68	0.12	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.202	0.2025	0.2045	0.65	0.13	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.159	0.161	0.161	0.72	0.14	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.193	0.19	0.1911	0.79	0.16	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.198	0.202	0.197	1.33	0.26	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1759	0.1813	0.1782	1.52	0.29	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1657	0.1679	0.1617	1.9	0.36	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.183	0.18	0.187	1.92	0.37	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2179	0.2142	0.2095	1.97	0.39	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1652	0.1648	0.1711	2.11	0.4	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	224	0.1866	0.1817	0.1785	2.24	0.43	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.99	Other	183	0.202	0.208	0.199	2.26	0.45	3.09	0.23	10.1	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	191	0.1922	0.1836	0.1854	2.42	0.47	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1779	0.1764	0.1696	2.53	0.49	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.24	0.23	0.24	2.44	0.49	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2622	0.2574	0.2713	2.68	0.55	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.205	0.2131	0.2167	2.83	0.56	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.99	Other	132	0.175	0.171	0.165	2.95	0.57	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.193	0.201	0.205	3.06	0.6	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.19	0.19	0.18	3.09	0.6	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1687	0.1794	0.1756	3.11	0.6	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.2046	0.2101	0.1975	3.1	0.61	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.177	0.189	0.182	3.3	0.64	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1572	0.1533	0.147	3.37	0.64	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.216	0.2022	0.2076	3.33	0.66	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.1856	0.1977	0.2	3.98	0.78	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.206	0.221	0.207	3.97	0.79	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2124	0.2039	0.194	4.53	0.89	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.187	0.17	0.177	4.8	0.93	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2489	0.2288	0.2503	4.96	1	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.117	0.114	0.104	6.1	1.1	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.19	0.2	0.216	6.49	1.28	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1843	0.1956	0.1708	6.76	1.31	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1989	0.2265	0.2199	6.7	1.33	3.09	0.23	10.1	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)	001.02	AOAC 2018.11, U	152	0.2235	0.2154	0.1935	7.36	1.46	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.60	NIR	187	0.12	0.14	0.14	8.66	1.6	3.09	0.23	10.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1803	0.2118	0.2187	10.1	1.98	3.09	0.23	10.1	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.60	NIR	187	0.01	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.99	Other	132	<0.1000	<0.1000	<0.1000						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0694	<0.0739	<0.0711						1
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0722	0.0725	0.0723	0.21	0.04	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.07	0.07	0.071	0.82	0.14	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.055	0.056	0.055	1.04	0.17	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.058	0.0583	0.0594	1.26	0.21	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0643	0.0652	0.0665	1.69	0.28	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0778	0.0773	0.0751	1.87	0.32	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.064	0.065	0.0625	1.97	0.33	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0945	0.0979	0.0974	1.9	0.34	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.066	0.064	0.067	2.33	0.39	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.064	0.067	0.064	2.66	0.44	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0507	0.0516	0.0539	3.17	0.51	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.99	Other	183	0.085	0.088	0.083	2.95	0.51	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0686	0.0729	0.0707	3.04	0.51	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	194	0.075	0.0737	0.0703	3.32	0.56	4.9	0.21	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 (%AR)	002.10	Other LC-UV	155	0.076	0.075	0.071	3.58	0.61	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0678	0.072	0.0727	3.74	0.63	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0616	0.0666	0.0645	3.91	0.65	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0628	0.0591	0.0642	4.25	0.7	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.077	0.0714	0.0719	4.22	0.71	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0675	0.0626	0.0686	4.82	0.8	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.101	0.103	0.094	4.76	0.84	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0497	0.0524	0.0466	5.86	0.93	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0822	0.0736	0.0769	5.59	0.96	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0524	0.0589	0.0581	6.28	1.02	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0776	0.0736	0.0832	6.17	1.06	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	120	0.065	0.057	0.0611	6.55	1.08	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.067	0.0657	0.059	6.72	1.11	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0689	0.0693	0.0783	7.37	1.24	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0726	0.0834	0.0816	7.31	1.25	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.07	0.07	0.08	7.87	1.33	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	224	0.2738	0.243	0.2453	6.75	1.38	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.068	0.081	0.074	8.75	1.49	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.069	0.0811	0.0694	9.39	1.59	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0611	0.0782	0.0763	13	2.2	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0811	0.0676	0.0612	14.5	2.44	4.9	0.21	16.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0726	0.0698	0.0904	14.4	2.46	4.9	0.21	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 (%AR)	002.10	Other LC-UV	163	0.062	0.045	0.058	16.2	2.62	4.9	0.21	16.2	0
CBD (%AR)												
CBD (%AR)	003.02	AOAC 2018.11, U	199	1.8445	1.85	1.846	0.15	0.04	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	204	1.882	1.8692	1.8701	0.38	0.1	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	189	1.8179	1.8133	1.8273	0.39	0.11	2.63	0.15	10.3	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	1.8539	1.8779	1.874	0.69	0.19	2.63	0.15	10.3	0
CBD (%AR)	003.30	Other LC-MS	122	1.9553	1.9849	1.9701	0.75	0.21	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	116	1.9432	1.975	1.9641	0.82	0.23	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	113	2.376	2.4	2.42	0.92	0.26	2.63	0.15	10.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	1.67	1.63	1.66	1.26	0.34	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	170	2.1422	2.1137	2.0862	1.32	0.37	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	106	1.94	1.98	1.93	1.36	0.38	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	197	1.9204	1.8867	1.9431	1.48	0.41	2.63	0.15	10.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	1.6398	1.6424	1.5972	1.56	0.42	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	200	1.75	1.74	1.806	2.02	0.55	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	149	1.794	1.802	1.864	2.11	0.58	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	191	1.8717	1.8038	1.8055	2.12	0.58	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	196	1.6726	1.7454	1.7321	2.26	0.61	2.63	0.15	10.3	0
CBD (%AR)	003.99	Other	132	1.67	1.641	1.596	2.28	0.62	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	194	1.9511	1.9714	1.8809	2.45	0.68	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	163	1.955	2.054	2.038	2.64	0.73	2.63	0.15	10.3	0

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									Rob Mean	min	max	
CBD (%AR)	003.10	Other LC-UV	142	1.71	1.8	1.72	2.83	0.77	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	144	1.832	1.7109	1.775	3.42	0.93	2.63	0.15	10.3	0
CBD (%AR)	003.30	Other LC-MS	164	1.6482	1.6534	1.7512	3.45	0.93	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	192	1.8225	1.8164	1.7058	3.69	1.01	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	184	1.698	1.768	1.841	4.04	1.1	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	172	1.837	2.01	1.89	4.63	1.28	2.63	0.15	10.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	1.796	1.645	1.662	4.86	1.32	2.63	0.15	10.3	0
CBD (%AR)	003.30	Other LC-MS	102	1.8234	1.7835	1.9669	5.19	1.43	2.63	0.15	10.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	152	1.8106	2.0231	1.92	5.54	1.53	2.63	0.15	10.3	0
CBD (%AR)	003.10	Other LC-UV	155	1.52	1.61	1.8	8.7	2.35	2.63	0.15	10.3	0
CBD (%AR)	003.60	NIR	187	2.23	2.45	2.69	9.37	2.69	2.63	0.15	10.3	0
CBD (%AR)	003.99	Other	183	1.863	1.53	1.806	10.3	2.8	2.63	0.15	10.3	0

CBDA (%AR)

CBDA (%AR)	004.60	NIR	187	0.55	0.41	<0.0100						1
CBDA (%AR)	004.30	Other LC-MS	122	1.0278	1.0256	1.0267	0.11	0.03	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	204	1.0447	1.048	1.0423	0.27	0.07	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	189	0.9598	0.956	0.9533	0.34	0.08	2.37	0.11	6.83	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	1.0315	1.0345	1.0245	0.5	0.13	2.37	0.11	6.83	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	0.8457	0.8328	0.8374	0.78	0.19	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	197	0.9639	0.9704	0.9886	1.31	0.33	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	116	1.0072	1.0291	1.0016	1.44	0.36	2.37	0.11	6.83	0

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									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	144	1.1298	1.0942	1.1041	1.66	0.42	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	172	1.032	1.045	1.067	1.69	0.43	2.37	0.11	6.83	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	1.162	1.1689	1.1994	1.69	0.43	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	142	0.885	0.912	0.883	1.81	0.45	2.37	0.11	6.83	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	0.957	0.92	0.954	2.18	0.54	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	106	1.03	1.07	1.03	2.21	0.56	2.37	0.11	6.83	0
CBDA (%AR)	004.99	Other	183	1.14	1.193	1.163	2.28	0.58	2.37	0.11	6.83	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	0.965	0.922	0.965	2.61	0.65	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	194	1.1457	1.1481	1.0948	2.67	0.68	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	196	0.869	0.911	0.9163	2.88	0.71	2.37	0.11	6.83	0
CBDA (%AR)	004.99	Other	132	0.822	0.789	0.774	3.09	0.75	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	192	0.6943	0.6901	0.655	3.17	0.75	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	163	0.996	0.937	0.985	3.23	0.8	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	191	1.1397	1.0762	1.0727	3.44	0.87	2.37	0.11	6.83	0
CBDA (%AR)	004.30	Other LC-MS	164	1.1349	1.1907	1.2122	3.38	0.87	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	149	0.967	1.018	1.044	3.88	0.97	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	184	1.8904	1.982	2.0366	3.75	1.04	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	200	0.904	0.88	0.958	4.37	1.08	2.37	0.11	6.83	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	0.9508	1.0284	1.0308	4.54	1.14	2.37	0.11	6.83	0
CBDA (%AR)	004.10	Other LC-UV	155	0.835	0.874	0.954	6.83	1.68	2.37	0.11	6.83	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBN (%AR)									
CBN (%AR)	005.10	Other LC-UV	197	<0.0694	<0.0739	<0.0711						1
CBN (%AR)	005.99	Other	132	<0.1000	<0.1000	<0.1000						1
CBN (%AR)	005.10	Other LC-UV	189	0.0633	0.0631	0.063	0.24	0.04	3.57	0.21	12.7	0
CBN (%AR)	005.20	Other LC-MS	122	0.071	0.0713	0.0711	0.22	0.04	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	204	0.0562	0.0557	0.0565	0.72	0.12	3.57	0.21	12.7	0
CBN (%AR)	005.30	GC-FID	116	0.0812	0.0803	0.0817	0.88	0.15	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	142	0.0507	0.0507	0.0499	0.92	0.15	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	194	0.0544	0.0548	0.0533	1.43	0.23	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	144	0.0488	0.0503	0.0497	1.52	0.24	3.57	0.21	12.7	0
CBN (%AR)	005.99	Other	183	0.064	0.064	0.062	1.82	0.3	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	200	0.056	0.056	0.058	2.04	0.33	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	149	0.055	0.053	0.053	2.15	0.35	3.57	0.21	12.7	0
CBN (%AR)	005.30	GC-FID	192	0.0478	0.0474	0.0458	2.25	0.36	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	192	0.0344	0.0358	0.036	2.46	0.37	3.57	0.21	12.7	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0615	0.0587	0.06	2.33	0.38	3.57	0.21	12.7	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0575	0.056	0.059	2.61	0.43	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	196	0.0465	0.0482	0.0493	2.94	0.47	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	172	0.055	0.059	0.056	3.67	0.6	3.57	0.21	12.7	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0531	0.0496	0.0533	4	0.64	3.57	0.21	12.7	0
CBN (%AR)	005.30	GC-FID	138	0.0627	0.0722	0.0672	7.05	1.18	3.57	0.21	12.7	0
CBN (%AR)	005.20	Other LC-MS	102	0.0524	0.0582	0.0612	7.81	1.27	3.57	0.21	12.7	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	0.07	0.06	0.06	9.12	1.51	3.57	0.21	12.7	0
CBN (%AR)	005.10	Other LC-UV	116	0.0701	0.0798	0.0672	9.12	1.54	3.57	0.21	12.7	0
CBN (%AR)	005.30	GC-FID	163	0.073	0.085	0.07	10.4	1.78	3.57	0.21	12.7	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0546	0.0628	0.0705	12.7	2.1	3.57	0.21	12.7	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	190	0.273	0.279							1
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2581	0.2595	0.2593	0.29	0.06	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2979	0.2996	0.3005	0.44	0.09	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.2494	0.2472	0.2494	0.51	0.1	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2072	0.2101	0.2092	0.71	0.14	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.249	0.253	0.249	0.92	0.19	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2707	0.2763	0.2735	1.02	0.21	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	120	0.2548	0.2482	0.2522	1.32	0.27	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2374	0.2396	0.2334	1.33	0.27	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1759	0.1813	0.1782	1.52	0.29	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2517	0.2519	0.2457	1.41	0.29	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2729	0.2661	0.2657	1.51	0.31	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.2816	0.2913	0.2874	1.7	0.35	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2732	0.2809	0.2826	1.8	0.37	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.2117	0.2195	0.2127	1.98	0.39	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.3	0.29	0.3	1.95	0.41	3.06	0.29	12	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)	006.10	Other LC-UV	200	0.241	0.236	0.246	2.07	0.42	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.26	0.25	0.25	2.28	0.46	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.99	Other	183	0.277	0.285	0.271	2.53	0.52	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2664	0.2805	0.2734	2.58	0.53	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.276	0.288	0.275	2.59	0.54	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2797	0.2678	0.2666	2.67	0.55	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2132	0.2247	0.2228	2.8	0.56	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.3	0.316	0.311	2.65	0.56	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.2704	0.2747	0.2592	2.98	0.61	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2389	0.2511	0.2555	3.46	0.7	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.99	Other	132	0.221	0.214	0.206	3.51	0.7	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2145	0.2305	0.2243	3.62	0.72	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.485	0.515	0.49	3.24	0.73	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3227	0.3181	0.34	3.53	0.75	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.13	0.14	0.14	4.22	0.79	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2881	0.2667	0.275	3.9	0.81	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.173	0.172	0.16	4.3	0.82	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2159	0.2108	0.1987	4.24	0.84	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.256	0.266	0.278	4.13	0.85	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2767	0.2931	0.2709	4.11	0.85	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.255	0.235	0.25	4.22	0.86	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1916	0.1814	0.1747	4.66	0.91	3.06	0.29	12	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	102	0.2493	0.2708	0.2716	4.79	0.98	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2544	0.2765	0.2773	4.82	0.99	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.236	0.26	0.247	4.85	0.99	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1373	0.1527	0.1451	5.31	1	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.3081	0.2837	0.3104	4.92	1.03	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.2278	0.2415	0.2117	6.57	1.32	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2925	0.2964	0.2628	6.47	1.34	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.2439	0.2729	0.298	9.97	2.05	3.06	0.29	12	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3548	0.2852	0.3535	12	2.55	3.06	0.29	12	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	189	2.6596	2.6518	2.6633	0.22	0.06	2.77	0.22	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	2.7491	2.7573	2.7445	0.24	0.07	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	204	2.7982	2.7883	2.7842	0.26	0.08	2.77	0.22	8.45	0
Total CBD (%AR)	007.30	Other LC-MS	122	2.8567	2.8843	2.8705	0.48	0.14	2.77	0.22	8.45	0
Total CBD (%AR)	007.40	GC-FID	192	1.6368	1.659	1.6653	0.9	0.24	2.77	0.22	8.45	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	2.8731	2.903	2.9259	0.91	0.27	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	116	2.8265	2.8775	2.8425	0.92	0.27	2.77	0.22	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	2.3815	2.3728	2.3316	1.13	0.32	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	197	2.7657	2.7377	2.8101	1.32	0.38	2.77	0.22	8.45	0
Total CBD (%AR)	007.40	GC-FID	169	2.8274	2.8875	2.7979	1.61	0.47	2.77	0.22	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	2.51	2.43	2.5	1.76	0.5	2.77	0.22	8.45	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)	007.60	NIR	187	2.71	2.81	2.69	2.35	0.68	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	196	2.4348	2.5443	2.5357	2.43	0.7	2.77	0.22	8.45	0
Total CBD (%AR)	007.99	Other	132	2.392	2.334	2.275	2.51	0.71	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	142	2.49	2.6	2.49	2.51	0.72	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	191	2.87	2.75	2.75	2.48	0.73	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	149	2.642	2.695	2.779	2.55	0.74	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	194	2.9559	2.9783	2.841	2.52	0.74	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	200	2.543	2.512	2.646	2.73	0.79	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	144	2.8231	2.6707	2.7435	2.78	0.81	2.77	0.22	8.45	0
Total CBD (%AR)	007.30	Other LC-MS	164	2.6434	2.6977	2.8142	3.21	0.93	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	172	2.7421	2.9265	2.8258	3.26	0.96	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	192	2.4314	2.4215	2.2802	3.56	1.02	2.77	0.22	8.45	0
Total CBD (%AR)	007.40	GC-FID	116	2.9876	3.1874	3.1682	3.54	1.05	2.77	0.22	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	2.6353	2.4518	2.4987	3.77	1.09	2.77	0.22	8.45	0
Total CBD (%AR)	007.40	GC-FID	163	2.698	2.914	2.796	3.86	1.13	2.77	0.22	8.45	0
Total CBD (%AR)	007.40	GC-FID	170	2.5371	2.7267	2.5677	3.9	1.13	2.77	0.22	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	2.7594	3.0514	2.9507	5.08	1.49	2.77	0.22	8.45	0
Total CBD (%AR)	007.99	Other	183	2.863	2.577	2.826	5.65	1.65	2.77	0.22	8.45	0
Total CBD (%AR)	007.40	GC-FID	138	2.961	3.2262	3.3319	6.02	1.79	2.77	0.22	8.45	0
Total CBD (%AR)	007.60	NIR	138	1.61	1.47	1.74	8.4	2.26	2.77	0.22	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	155	2.25	2.37	2.64	8.25	2.36	2.77	0.22	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	2.4653	2.7864	2.911	8.45	2.46	2.77	0.22	8.45	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDV (%AR)												
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270						1
CBDV (%AR)	008.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDV (%AR)	008.99	Other	132	<0.1000	<0.1000	<0.1000						1
CBDV (%AR)	008.99	Other	197	<0.0463	<0.0493	<0.0474						1
CBDV (%AR)	008.99	Other	200	0.031	0.031	0.032	1.84	0.27				0
CBDV (%AR)	008.99	Other	142	0.0294	0.0299	0.0288	1.88	0.28				0
CBDV (%AR)	008.99	Other	183	0.034	0.036	0.034	3.33	0.5				0
CBDV (%AR)	008.99	Other	189	0.029	0.0258	0.0279	5.9	0.86				0
CBDV (%AR)	008.99	Other	106	0.09	0.08	0.07	12.5	2.14				0
CBDVA (%AR)												
CBDVA (%AR)	009.99	Other	197	<0.0463	<0.0493	<0.0474						1
CBDVA (%AR)	009.99	Other	149	0.028	<0.0250	<0.0250						1
CBDVA (%AR)	009.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDVA (%AR)	009.99	Other	142	0.0263	0.0254	0.0255	1.92	0.28				0
CBDVA (%AR)	009.99	Other	183	0.037	0.04	0.038	3.98	0.61				0
CBG (%AR)												
CBG (%AR)	010.99	Other	204	0.8452	0.846	0.8498	0.29	0.07	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	189	0.8817	0.8791	0.8746	0.41	0.1	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	183	0.856	0.845	0.853	0.67	0.16	2.27	0.29	7.1	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	197	0.738	0.7251	0.7336	0.9	0.21	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	200	0.719	0.733	0.739	1.41	0.34	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	142	0.763	0.782	0.755	1.81	0.44	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	122	1.0097	0.9664	0.9881	2.19	0.55	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	194	0.8549	0.8732	0.834	2.3	0.56	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	132	0.757	0.736	0.719	2.58	0.62	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	196	0.7161	0.7505	0.7506	2.69	0.64	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	149	0.795	0.804	0.838	2.79	0.68	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	106	0.79	0.81	0.76	3.2	0.77	2.27	0.29	7.1	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.736	0.716	0.774	3.97	0.95	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	172	0.83	0.856	0.787	4.23	1.03	2.27	0.29	7.1	0
CBG (%AR)	010.99	Other	155	0.69	0.722	0.792	7.1	1.7	2.27	0.29	7.1	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	122	1.2842	1.2797	1.2819	0.18	0.05	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	189	1.2146	1.2104	1.2113	0.18	0.05	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	204	1.1929	1.2008	1.2001	0.36	0.09	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	183	1.288	1.29	1.304	0.67	0.18	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	149	1.216	1.256	1.252	1.77	0.46	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	142	1.14	1.18	1.18	1.98	0.51	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	106	1.2	1.21	1.16	2.22	0.57	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	196	1.123	1.1592	1.1776	2.41	0.62	2.26	0.18	6.45	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	194	1.2878	1.2971	1.2378	2.5	0.65	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	132	1.086	1.023	1.025	3.43	0.86	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	172	1.283	1.303	1.209	3.91	1.02	2.26	0.18	6.45	0
CBGA (%AR)	011.99	Other	197	1.287	1.1793	1.273	4.7	1.22	2.26	0.18	6.45	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	1.17	1.06	1.2	6.45	1.65	2.26	0.18	6.45	0

THCV (%AR)

THCV (%AR)	012.99	Other	197	<0.0463	<0.0493	<0.0474						1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	132	<0.1000	<0.1000	<0.1000						1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270						1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	200	0.02	0.02	0.021	2.84	0.4				0
THCV (%AR)	012.99	Other	183	0.021	0.023	0.021	5.33	0.75				0
THCV (%AR)	012.99	Other	189	0.0574	0.0567	0.0343	26.6	4.24				0
THCV (%AR)	012.99	Other	142	0.0291	0.0262	0.298	133	24.1				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	183	0	0	0						1
Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)	013.99	Other	197	<0.0463	<0.0493	<0.0474						1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270						1
Δ8-THC (%AR)	013.99	Other	102	<0.0197	<0.0095	<0.0199						1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	138	0.0492	0.054	0.0535	5.05	0.81				0
Δ8-THC (%AR)	013.99	Other	189	0.0085	0.0079	0.0072	8.27	1				0

CBC (%AR)

CBC (%AR)	014.99	Other	189	0.2086	0.2087	0.2087	0.03	0.01	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	204	0.1991	0.1958	0.2003	1.17	0.23	2.33	0.03	7.92	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.178	0.175	0.179	1.17	0.23	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	196	0.1595	0.1645	0.1629	1.57	0.3	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	142	0.176	0.178	0.172	1.74	0.34	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	200	0.2	0.204	0.208	1.96	0.39	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	197	0.175	0.1754	0.182	2.22	0.43	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	149	0.173	0.181	0.179	2.34	0.45	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	183	0.206	0.206	0.197	2.56	0.5	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	155	0.176	0.177	0.185	2.75	0.53	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	194	0.1931	0.1959	0.1856	2.78	0.54	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	132	0.163	0.16	0.154	2.88	0.55	2.33	0.03	7.92	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	106	0.19	0.19	0.18	3.09	0.6	2.33	0.03	7.92	0
CBC (%AR)	014.99	Other	172	0.193	0.209	0.194	4.51	0.89	2.33	0.03	7.92	0
CBC (%AR)	014.02	AOAC 2018.11, U	103	0.17	0.173	0.196	7.92	1.53	2.33	0.03	7.92	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.04	ICP-MS	224	<0.2225	<0.2061	<0.2166						1
Cd (ug/g AR)	101.04	ICP-MS	102	0.1251	0.1274	0.1274	1.05	0.19	4.39	1.05	8.27	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1322	0.1286	0.1273	1.96	0.36	4.39	1.05	8.27	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.097	0.095	0.092	2.66	0.47	4.39	1.05	8.27	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.136	0.1459	0.1357	4.17	0.78	4.39	1.05	8.27	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.118	0.107	0.111	4.97	0.9	4.39	1.05	8.27	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.165	0.15	0.142	7.66	1.45	4.39	1.05	8.27	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.135	0.136	0.117	8.27	1.52	4.39	1.05	8.27	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	197	<0.0977	<0.0956	<0.0986						1
As (ug/g AR)	102.04	ICP-MS	196	0.101	0.0944	0.1	3.61	0.64	8.82	3.61	17.3	0
As (ug/g AR)	102.04	ICP-MS	183	0.07	0.073	0.077	4.79	0.81	8.82	3.61	17.3	0
As (ug/g AR)	102.04	ICP-MS	106	0.086	0.096	0.093	5.6	0.98	8.82	3.61	17.3	0
As (ug/g AR)	102.04	ICP-MS	102	0.0797	0.0877	0.0975	10.1	1.76	8.82	3.61	17.3	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	224	0.1377	0.1176	0.1143	10.3	1.88	8.82	3.61	17.3	0
As (ug/g AR)	102.04	ICP-MS	194	0.1197	0.1254	0.1012	11	1.99	8.82	3.61	17.3	0
As (ug/g AR)	102.04	ICP-MS	142	0.115	0.091	0.083	17.3	3.05	8.82	3.61	17.3	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	224	<0.0222	<0.0206	<0.0217						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0977	<0.0956	<0.0986						1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200						1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0500	<0.0500	<0.0500						1
Hg (ug/g AR)	103.04	ICP-MS	196	0.0083	0.0079	0.0085	3.71	0.45				0
Hg (ug/g AR)	103.04	ICP-MS	102	0.0095	0.0091	0.0088	3.85	0.48				0
Hg (ug/g AR)	103.04	ICP-MS	183	0.049	0.045	0.041	8.89	1.4				0
Hg (ug/g AR)	103.04	ICP-MS	106	0.011	0.009	0.009	11.9	1.49				0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	162	0.7167	0.6857	0.6594	4.17	0.99	9.58	4.17	19.2	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.502	0.544	0.548	4.8	1.09	9.58	4.17	19.2	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.5172	0.4644	0.5176	6.12	1.38	9.58	4.17	19.2	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.464	0.524	0.481	6.32	1.42	9.58	4.17	19.2	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.5526	0.6543	0.6269	8.61	2	9.58	4.17	19.2	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.569	0.558	0.667	10	2.33	9.58	4.17	19.2	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	102	0.7783	0.6324	0.6436	11.9	2.81	9.58	4.17	19.2	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.875	0.641	0.707	16.3	3.9	9.58	4.17	19.2	0
Pb (ug/g AR)	104.04	ICP-MS	224	0.8215	0.7051	0.5558	19.2	4.55	9.58	4.17	19.2	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	8.4	7.81	7.92	3.9	1.34				0
Cu (ug/g AR)	105.04	ICP-MS	142	13.62	14.2	12.7	5.6	2.07				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	102	2.9943	2.8617	2.961	2.35	0.69				0
Ni (ug/g AR)	106.04	ICP-MS	196	1.34	1.26	1.3	3.08	0.8				0
Ni (ug/g AR)	106.04	ICP-MS	142	1.965	1.3	0.965	36.1	9.52				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	196	0.875	0.877	0.812	4.32	1.06				0
Cr (ug/g AR)	107.04	ICP-MS	197	0.7828	0.8679	0.7859	5.94	1.44				0
Cr (ug/g AR)	107.04	ICP-MS	142	0.7	0.643	0.621	6.23	1.46				0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	102	0.1157	0.1133	0.1107	2.21	0.4				0
Se (ug/g AR)	108.04	ICP-MS	196	0.138	0.129	0.135	3.42	0.63				0
Se (ug/g AR)	108.04	ICP-MS	197	0.1269	0.1376	0.1184	7.54	1.39				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Se (ug/g AR)	108.04	ICP-MS	142	0.108	0.085	0.078	17.4	3.04				0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0500	<0.0500	<0.0500						1
Ag (ug/g AR)	109.04	ICP-MS	102	0.0049	0.0052	0.0045	7.22	0.81				0
Ba (ug/g AR)												
Ba (ug/g AR)	110.04	ICP-MS	142	52.56	53.3	49.5	3.89	1.76				0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	196	59.6	55.9	56.8	3.36	1.55				0
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241						1
Sb (ug/g AR)	112.04	ICP-MS	102	0.0098	0.0131	0.0127	15.2	1.96				0
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0325	0.0325	0.0328	0.53	0.08				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0226	0.0239	0.0238	3.09	0.44				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.056	0.055	0.061	5.61	0.92				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0155	0.0174	0.0153	7.21	0.97				0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0617	0.0547	0.0594	6.09	1				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0141	0.013	0.0138	4.17	0.55				0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0171	0.0191	0.0177	5.71	0.78				0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0229	0.0202	0.0224	6.58	0.93				0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0136	0.0135	0.0117	8.27	1.08				0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.016	0.02	0.019	11.4	1.56				0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0108	0.0099	0.0104	4.35	0.55				0
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0049	0.0057	0.0059	9.62	1.1				0
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0134	0.0112	0.0133	9.83	1.28				0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.007	0.011	0.009	22.2	2.75				0
Geraniol (%AR)												
Geraniol (%AR)	204.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Geraniol (%AR)	204.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0072	0.0067	0.007	3.61	0.43				0
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0134	0.0119	0.0132	6.35	0.83				0
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0062	0.0062	0.0054	7.78	0.9				0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.006	0.006	0.007	9.12	1.07				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
d-Limonene (%AR)	206.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
d-Limonene (%AR)	206.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Linalool (%AR)	207.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
Linalool (%AR)	207.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			beta-Myrcene (%AR)									
beta-Myrcene (%AR)	208.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
beta-Myrcene (%AR)	208.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0026	0.0026	0.0025	2.25	0.23				0
			Nopinene (%AR)									
Nopinene (%AR)	209.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
			Ocimene (%AR)									
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Ocimene (%AR)	210.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
			alpha-Pinene (%AR)									
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
alpha-Pinene (%AR)	211.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			alpha-Terpinolene (%AR)									
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinolene (%A	215.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
			Moisture (%AR)									
Moisture (%AR)	500.99	Other	142	5	5	5	0	0	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	189	4.894	4.894	4.894	0	0	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.12	6.12	6.12	0	0	3.79	0	14.4	0
Moisture (%AR)	500.50	AOAC 930.15	210	2.887	2.8849	2.902	0.32	0.09	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.21	5.25	5.2	0.51	0.16	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.2	7.1	7.15	0.7	0.24	3.79	0	14.4	0
Moisture (%AR)	500.99	Other	105	8.42	8.31	8.32	0.73	0.25	3.79	0	14.4	0
Moisture (%AR)	500.50	AOAC 930.15	199	8.8079	8.6485	8.7914	1	0.35	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	172	6.566	6.412	6.518	1.21	0.4	3.79	0	14.4	0
Moisture (%AR)	500.72	NIR	138	7.45	7.25	7.15	2.1	0.71	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	194	7.77	7.4	7.73	2.66	0.9	3.79	0	14.4	0
Moisture (%AR)	500.50	AOAC 930.15	192	8.949	8.9837	9.4486	3.06	1.07	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.39	6.16	5.87	4.24	1.4	3.79	0	14.4	0
Moisture (%AR)	500.99	Other	102	6.6	6	6.5	5.05	1.67	3.79	0	14.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.70	Commerc. Anal.	196	7.13	6.43	6.47	5.89	1.96	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.83	3.45	3.41	6.51	1.97	3.79	0	14.4	0
Moisture (%AR)	500.99	Other	103	4.94	4.59	5.22	6.42	2.04	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	162	8.57	9.8	8.91	6.98	2.44	3.79	0	14.4	0
Moisture (%AR)	500.70	Commerc. Anal.	182	6.125	6.745	7.16	7.8	2.6	3.79	0	14.4	0
Moisture (%AR)	500.99	Other	120	7.3324	6.2316	6.3837	8.97	2.99	3.79	0	14.4	0
Moisture (%AR)	500.72	NIR	187	7.1	7.4	8.5	9.61	3.27	3.79	0	14.4	0
Moisture (%AR)	500.99	Other	224	9.0184	6.7916	8.5429	14.4	4.96	3.79	0	14.4	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2261	0.2248	0.2262	0.35	0.07	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	120	0.2135	0.2114	0.2122	0.5	0.1	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2215	0.2217	0.2242	0.68	0.14	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2044	0.2024	0.2012	0.8	0.16	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.1673	0.1687	0.1611	2.44	0.47	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2767	0.2715	0.2863	2.7	0.56	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2065	0.215	0.2193	3.05	0.61	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1988	0.2103	0.2138	3.78	0.75	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.18	0.1682	0.1842	4.67	0.9	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.198	0.216	0.197	5.25	1.04	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	218	0.176	0.198	0.172	7.69	1.49	3.75	0.35	16.5	0
Δ9-THC (%DW)	501.60	NIR	187	0.13	0.15	0.15	8.06	1.51	3.75	0.35	16.5	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.021	0.018	0.025	16.5	2.32	3.75	0.35	16.5	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.60	NIR	187	0.01	<0.0100	<0.0100						1
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.0681	0.069	0.0704	1.68	0.28	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0702	0.0712	0.0685	1.95	0.33	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0993	0.1029	0.1024	1.92	0.34	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.073	0.075	0.076	2.05	0.35	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0579	0.0587	0.055	3.4	0.56	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	218	0.096	0.101	0.095	3.3	0.58	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0669	0.0666	0.0628	3.49	0.58	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.108	0.1102	0.1006	4.73	0.85	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	120	0.0701	0.0608	0.0652	7.12	1.18	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.0778	0.0887	0.0873	7.01	1.21	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0727	0.0731	0.0826	7.36	1.25	4.33	1.68	7.91	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0598	0.0594	0.0518	7.91	1.29	4.33	1.68	7.91	0

CBD (%DW)

CBD (%DW)	503.02	AOAC 2018.11, U	199	2.0227	2.0251	2.0239	0.06	0.02	2.59	0.06	10.1	0
CBD (%DW)	503.01	AOAC 2018.10	210	1.951	1.956	1.957	0.16	0.05	2.59	0.06	10.1	0
CBD (%DW)	503.10	Other LC-UV	204	1.993	1.9795	1.9804	0.38	0.11	2.59	0.06	10.1	0
CBD (%DW)	503.10	Other LC-UV	189	1.9114	1.9067	1.9213	0.39	0.11	2.59	0.06	10.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%DW)	503.10	Other LC-UV	162	2.1321	2.1457	2.1599	0.65	0.18	2.59	0.06	10.1	0
CBD (%DW)	503.10	Other LC-UV	116	2.0502	2.0838	2.0723	0.82	0.23	2.59	0.06	10.1	0
CBD (%DW)	503.02	AOAC 2018.11, U	218	1.97	1.99	1.953	0.94	0.26	2.59	0.06	10.1	0
CBD (%DW)	503.10	Other LC-UV	172	1.9651	2.1502	2.0218	4.64	1.29	2.59	0.06	10.1	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	1.8893	1.7241	1.7535	4.93	1.35	2.59	0.06	10.1	0
CBD (%DW)	503.30	Other LC-MS	102	1.953	1.8969	2.103	5.37	1.49	2.59	0.06	10.1	0
CBD (%DW)	503.30	Other LC-MS	105	1.87	1.97	1.76	5.63	1.55	2.59	0.06	10.1	0
CBD (%DW)	503.60	NIR	187	2.4	2.65	2.94	10.1	2.95	2.59	0.06	10.1	0

CBDA (%DW)

CBDA (%DW)	504.60	NIR	187	0.59	0.44	<0.0100						1
CBDA (%DW)	504.10	Other LC-UV	204	1.1063	1.1098	1.1038	0.27	0.07	1.33	0.27	4.4	0
CBDA (%DW)	504.10	Other LC-UV	189	1.0092	1.0052	1.0024	0.34	0.09	1.33	0.27	4.4	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	1.1311	1.1324	1.1232	0.44	0.11	1.33	0.27	4.4	0
CBDA (%DW)	504.10	Other LC-UV	162	1.1633	1.1494	1.1572	0.6	0.15	1.33	0.27	4.4	0
CBDA (%DW)	504.01	AOAC 2018.10	210	1.223	1.209	1.22	0.61	0.16	1.33	0.27	4.4	0
CBDA (%DW)	504.10	Other LC-UV	116	1.0627	1.0857	1.0568	1.43	0.36	1.33	0.27	4.4	0
CBDA (%DW)	504.10	Other LC-UV	172	1.104	1.1179	1.1414	1.69	0.43	1.33	0.27	4.4	0
CBDA (%DW)	504.02	AOAC 2018.11, U	218	0.898	0.93	0.94	2.38	0.59	1.33	0.27	4.4	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	1.0068	0.9643	1.007	2.48	0.62	1.33	0.27	4.4	0
CBDA (%DW)	504.30	Other LC-MS	105	0.897	0.883	0.825	4.4	1.08	1.33	0.27	4.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBN (%DW)									
CBN (%DW)	505.10	Other LC-UV	189	0.0665	0.0664	0.0663	0.15	0.03	2.92	0.15	9.11	0
CBN (%DW)	505.10	Other LC-UV	204	0.0595	0.059	0.0598	0.68	0.11	2.92	0.15	9.11	0
CBN (%DW)	505.30	GC-FID	116	0.0857	0.0847	0.0862	0.89	0.15	2.92	0.15	9.11	0
CBN (%DW)	505.02	AOAC 2018.11, U	218	0.054	0.055	0.055	1.06	0.17	2.92	0.15	9.11	0
CBN (%DW)	505.10	Other LC-UV	192	0.0378	0.0393	0.0397	2.57	0.4	2.92	0.15	9.11	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0631	0.0613	0.0647	2.7	0.45	2.92	0.15	9.11	0
CBN (%DW)	505.01	AOAC 2018.10	210	0.053	0.051	0.054	2.9	0.47	2.92	0.15	9.11	0
CBN (%DW)	505.10	Other LC-UV	162	0.0605	0.0619	0.0648	3.51	0.58	2.92	0.15	9.11	0
CBN (%DW)	505.10	Other LC-UV	172	0.0588	0.0631	0.0599	3.69	0.61	2.92	0.15	9.11	0
CBN (%DW)	505.20	Other LC-MS	105	0.0537	0.0546	0.0506	3.96	0.64	2.92	0.15	9.11	0
CBN (%DW)	505.20	Other LC-MS	102	0.0562	0.0619	0.0654	7.59	1.25	2.92	0.15	9.11	0
CBN (%DW)	505.10	Other LC-UV	116	0.074	0.0842	0.0709	9.11	1.55	2.92	0.15	9.11	0
			Total Δ9-THC (%DW)									
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2831	0.2841	0.2843	0.23	0.05	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.3132	0.315	0.316	0.45	0.09	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.2641	0.2618	0.2641	0.5	0.1	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.3012	0.3116	0.3075	1.71	0.36	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	120	0.275	0.2647	0.2694	1.91	0.39	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.218	0.2202	0.2094	2.64	0.53	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.281	0.2959	0.2885	2.58	0.54	3.21	0.23	6.09	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)	506.40	GC-FID	153	0.2908	0.2774	0.276	2.9	0.6	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2387	0.2266	0.2392	3.04	0.61	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2577	0.2708	0.2726	3.05	0.63	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3405	0.3357	0.3587	3.52	0.75	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2105	0.1993	0.1929	4.43	0.87	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.085	0.084	0.092	5.01	0.87	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.23	0.2108	0.214	4.71	0.94	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.267	0.2881	0.2904	4.58	0.95	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.139	0.151	0.153	5.13	0.96	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.25	0.268	0.242	5.26	1.07	3.21	0.23	6.09	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	218	0.26	0.286	0.256	6.09	1.25	3.21	0.23	6.09	0

Total CBD (%DW)

Total CBD (%DW)	507.02	AOAC 2018.11, U	199	3.0147	3.0183	3.009	0.16	0.05	2.1	0.16	6.02	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	3.024	3.016	3.027	0.19	0.06	2.1	0.16	6.02	0
Total CBD (%DW)	507.10	Other LC-UV	189	2.7965	2.7882	2.8004	0.22	0.07	2.1	0.16	6.02	0
Total CBD (%DW)	507.10	Other LC-UV	204	2.9633	2.9528	2.9484	0.26	0.08	2.1	0.16	6.02	0
Total CBD (%DW)	507.10	Other LC-UV	162	3.1523	3.1537	3.1747	0.4	0.12	2.1	0.16	6.02	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	218	2.758	2.806	2.777	0.87	0.25	2.1	0.16	6.02	0
Total CBD (%DW)	507.10	Other LC-UV	116	2.9822	3.036	2.9991	0.92	0.27	2.1	0.16	6.02	0
Total CBD (%DW)	507.60	NIR	187	2.92	3.03	2.94	1.98	0.58	2.1	0.16	6.02	0
Total CBD (%DW)	507.10	Other LC-UV	192	2.6703	2.6606	2.5181	3.26	0.94	2.1	0.16	6.02	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	172	2.9333	3.1306	3.0228	3.26	0.97	2.1	0.16	6.02	0
Total CBD (%DW)	507.40	GC-FID	116	3.1522	3.363	3.3427	3.54	1.06	2.1	0.16	6.02	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	2.7722	2.5698	2.6363	3.88	1.13	2.1	0.16	6.02	0
Total CBD (%DW)	507.30	Other LC-MS	105	2.66	2.74	2.48	5.07	1.47	2.1	0.16	6.02	0
Total CBD (%DW)	507.40	GC-FID	138	3.1936	3.4796	3.5936	6.02	1.81	2.1	0.16	6.02	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.031	0.029	0.03	3.33	0.49				0
CBDV (%DW)	508.99	Other	189	0.0305	0.0272	0.0293	5.76	0.85				0

CBDVA (%DW)

CBDVA (%DW)	509.01	AOAC 2018.10	210	0.024	0.027	0.024	6.93	1				0
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CBG (%DW)

CBG (%DW)	510.99	Other	204	0.8951	0.8959	0.8999	0.29	0.07	1.78	0.29	4.23	0
CBG (%DW)	510.99	Other	189	0.9271	0.9243	0.9196	0.41	0.1	1.78	0.29	4.23	0
CBG (%DW)	510.01	AOAC 2018.10	210	0.88	0.873	0.886	0.74	0.18	1.78	0.29	4.23	0
CBG (%DW)	510.99	Other	105	0.808	0.796	0.784	1.51	0.37	1.78	0.29	4.23	0
CBG (%DW)	510.99	Other	162	0.8818	0.9174	0.8558	3.49	0.86	1.78	0.29	4.23	0
CBG (%DW)	510.99	Other	172	0.8879	0.9157	0.8419	4.23	1.04	1.78	0.29	4.23	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	189	1.2771	1.2727	1.2736	0.18	0.05			0	
CBGA (%DW)	511.99	Other	204	1.2633	1.2716	1.2709	0.36	0.09			0	
CBGA (%DW)	511.01	AOAC 2018.10	210	1.404	1.393	1.39	0.53	0.14			0	
CBGA (%DW)	511.99	Other	162	1.4879	1.5101	1.4391	2.46	0.65			0	
CBGA (%DW)	511.99	Other	172	1.3725	1.3939	1.2933	3.92	1.03			0	
			THCV (%DW)									
THCV (%DW)	512.02	AOAC 2018.11, U	210	0.019	0.016	<0.0130					1	
THCV (%DW)	512.99	Other	189	0.0603	0.0596	0.0361	26.5	4.26			0	
			Δ8-THC (%DW)									
Δ8-THC (%DW)	513.99	Other	102	<0.0211	<0.0252	<0.0213					1	
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100					1	
Δ8-THC (%DW)	513.99	Other	189	0.0089	0.0083	0.0076	7.87	0.96			0	
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.021	0.018	0.025	16.5	2.32			0	
			CBC (%DW)									
CBC (%DW)	514.99	Other	189	0.2194	0.2195	0.2194	0.03	0.01	4.15	0.03	13.4	0
CBC (%DW)	514.01	AOAC 2018.10	210	0.181	0.18	0.18	0.32	0.06	4.15	0.03	13.4	0
CBC (%DW)	514.99	Other	204	0.2108	0.2073	0.2121	1.18	0.23	4.15	0.03	13.4	0
CBC (%DW)	514.99	Other	172	0.2065	0.2236	0.2075	4.52	0.9	4.15	0.03	13.4	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	105	0.194	0.214	0.193	5.91	1.16	4.15	0.03	13.4	0
CBC (%DW)	514.02	AOAC 2018.11, U	103	0.1788	0.182	0.2005	6.26	1.22	4.15	0.03	13.4	0
CBC (%DW)	514.99	Other	162	0.1904	0.1526	0.1976	13.4	2.6	4.15	0.03	13.4	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