

Hemp Proficiency Testing

All Labs Precision

HM22NOV-2 (hemp)



Sample: HM22NOV-2 (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)	001.99	Other	183	0.213	0.211	0.213	0.54	0.11	3.29	0.54	97	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	120	0.2098	0.2078	0.2076	0.58	0.12	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1963	0.1995	0.1958	1.02	0.2	3.29	0.54	97	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.177	0.18	0.181	1.16	0.22	3.29	0.54	97	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2051	0.2007	0.202	1.12	0.22	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1931	0.1911	0.196	1.27	0.25	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2325	0.2309	0.227	1.23	0.25	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.18	0.185	0.182	1.38	0.27	3.29	0.54	97	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2143	0.2154	0.21	1.34	0.27	3.29	0.54	97	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.213	0.212	0.2075	1.39	0.28	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1722	0.178	0.1768	1.74	0.34	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1914	0.1866	0.1932	1.79	0.35	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.2055	0.2008	0.1979	1.9	0.38	3.29	0.54	97	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	224	0.1872	0.1793	0.1836	2.16	0.42	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.198	0.194	0.203	2.27	0.45	3.29	0.54	97	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	170	0.2013	0.2089	0.2103	2.34	0.46	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1575	0.1554	0.1629	2.44	0.46	3.29	0.54	97	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1737	0.166	0.1671	2.47	0.47	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1988	0.2051	0.2091	2.54	0.5	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.185	0.196	0.189	2.93	0.57	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2164	0.2109	0.2041	2.93	0.58	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.2	0.19	0.19	2.99	0.58	3.29	0.54	97	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.171	0.173	0.163	3.13	0.6	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2423	0.2326	0.2464	2.95	0.6	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1741	0.186	0.1783	3.36	0.65	3.29	0.54	97	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2436	0.2289	0.2268	3.93	0.79	3.29	0.54	97	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2082	0.1918	0.199	4.12	0.81	3.29	0.54	97	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.106	0.116	0.112	4.52	0.82	3.29	0.54	97	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.25	0.23	0.24	4.17	0.84	3.29	0.54	97	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2025	0.2028	0.1876	4.4	0.86	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.178	0.191	0.176	4.48	0.87	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1165	0.1288	0.1185	5.44	0.99	3.29	0.54	97	0
Δ9-THC (%AR)	001.99	Other	132	0.199	0.185	0.178	5.71	1.11	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.2058	0.1846	0.1882	5.88	1.15	3.29	0.54	97	0
Δ9-THC (%AR)	001.60	NIR	187	0.23	0.24	0.21	6.74	1.35	3.29	0.54	97	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2151	0.2481	0.216	8.3	1.67	3.29	0.54	97	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2404	0.2375	0.2026	9.27	1.86	3.29	0.54	97	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	217	0.1731	0.209	0.1598	14.1	2.73	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.288	0.238	0.217	14.7	2.99	3.29	0.54	97	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.91	0.188	0.19	97	21.4	3.29	0.54	97	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	170	<0.0200	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.60	NIR	187	<0.0100	0.02	0.01						1
Δ9-THCA (%AR)	002.99	Other	132	<0.1000	<0.1000	<0.1000						1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	0.026						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0495	<0.0495	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270						1
Δ9-THCA (%AR)	002.10	Other LC-UV	191	<0.0050	<0.0050	<0.0050						1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0494	0.0331	<0.0487						1
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.024	0.024	0.024	0	0	7.37	0	25.1	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	120	0.0177	0.0174	0.0177	0.98	0.13	7.37	0	25.1	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0258	0.0265	0.026	1.38	0.2	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0792	0.0808	0.0817	1.57	0.27	7.37	0	25.1	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0181	0.0174	0.018	2.12	0.29	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0434	0.0434	0.0448	1.84	0.29	7.37	0	25.1	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	144	0.0253	0.0255	0.0263	2.06	0.3	7.37	0	25.1	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.023	0.023	0.022	2.55	0.36	7.37	0	25.1	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.019	0.019	0.02	2.99	0.41	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.019	0.0206	0.0201	4.11	0.57	7.37	0	25.1	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0249	0.0264	0.0274	4.8	0.7	7.37	0	25.1	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.037	0.0381	0.0343	5.36	0.82	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.045	0.041	0.045	5.29	0.83	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0183	0.0174	0.0197	6.28	0.86	7.37	0	25.1	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0273	0.0242	0.0261	6.04	0.88	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.026	0.0292	0.0253	7.75	1.13	7.37	0	25.1	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.023	0.0269	0.0234	8.78	1.26	7.37	0	25.1	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0241	0.0242	0.0203	9.72	1.38	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0273	0.0266	0.032	10.3	1.51	7.37	0	25.1	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	224	0.285	0.2463	0.2555	7.71	1.58	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0258	0.0321	0.0309	11.3	1.67	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.02	0.017	0.022	12.8	1.78	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.033	0.026	0.032	12.5	1.85	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0326	0.0402	0.0325	12.6	1.91	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0292	0.0222	0.0222	16.5	2.37	7.37	0	25.1	0
Δ9-THCA (%AR)	002.99	Other	183	0.043	0.028	0.035	21.2	3.22	7.37	0	25.1	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.014	0.023	0.022	25.1	3.49	7.37	0	25.1	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.02	0.02	0.03	24.7	3.53	7.37	0	25.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBD (%AR)									
CBD (%AR)	003.30	Other LC-MS	122	5.0295	5.0291	5.025	0.05	0.02	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	149	4.495	4.506	4.487	0.21	0.07	2	0.05	16.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.811	4.796	4.821	0.26	0.08	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	197	5.1792	5.1413	5.184	0.45	0.15	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	200	4.498	4.495	4.542	0.58	0.18	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	189	4.5717	4.5217	4.5249	0.62	0.19	2	0.05	16.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.3917	4.4308	4.3753	0.65	0.2	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	196	4.7536	4.8173	4.7896	0.67	0.21	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	170	5.0786	5.0136	5.0451	0.64	0.21	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	172	4.688	4.634	4.63	0.7	0.22	2	0.05	16.3	0
CBD (%AR)	003.99	Other	132	4.258	4.241	4.2	0.7	0.22	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	142	4.64	4.61	4.71	1.1	0.35	2	0.05	16.3	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.4588	4.3582	4.3869	1.18	0.37	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	192	3.2066	3.3183	3.2478	1.73	0.52	2	0.05	16.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	152	4.4578	4.6102	4.5488	1.69	0.53	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	204	4.8451	4.7251	4.8961	1.82	0.58	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	194	4.9607	4.9544	4.7681	2.24	0.71	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	184	4.858	4.697	4.915	2.34	0.74	2	0.05	16.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.443	4.282	4.483	2.42	0.76	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	116	5.1825	4.9388	5.1238	2.5	0.8	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	106	5.04	5	4.8	2.6	0.83	2	0.05	16.3	0

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									Rob Mean	min	max	
CBD (%AR)	003.10	Other LC-UV	113	4.42	4.623	4.64	2.68	0.84	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	163	5.211	5.491	5.423	2.72	0.88	2	0.05	16.3	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.5	4.26	4.27	3.13	0.98	2	0.05	16.3	0
CBD (%AR)	003.60	NIR	187	6.68	6.78	6.4	2.98	0.99	2	0.05	16.3	0
CBD (%AR)	003.30	Other LC-MS	164	4.5144	4.733	4.4006	3.71	1.17	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	155	4.16	4.45	4.5	4.2	1.31	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	144	5.4874	5.2401	5.6911	4.13	1.33	2	0.05	16.3	0
CBD (%AR)	003.30	Other LC-MS	102	4.8363	4.4241	4.6149	4.46	1.41	2	0.05	16.3	0
CBD (%AR)	003.10	Other LC-UV	191	5.2364	4.6999	4.6689	6.55	2.08	2	0.05	16.3	0
CBD (%AR)	003.99	Other	183	5.616	4.085	5.364	16.3	5.22	2	0.05	16.3	0

CBDA (%AR)

CBDA (%AR)	004.30	Other LC-MS	122	3.065	3.0525	3.0656	0.24	0.07	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	116	3.0287	3.0556	3.0426	0.44	0.13	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	200	2.766	2.752	2.778	0.47	0.14	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	170	3.9737	3.9688	3.935	0.53	0.16	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	196	2.9019	2.9322	2.8989	0.63	0.19	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	189	2.8567	2.8231	2.8224	0.69	0.2	2.22	0.24	17.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	2.3809	2.3921	2.3427	1.09	0.31	2.22	0.24	17.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.097	3.163	3.146	1.09	0.33	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	197	3.0554	3.1382	3.098	1.34	0.4	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	204	3.1591	3.0925	3.1724	1.36	0.41	2.22	0.24	17.2	0

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									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	149	2.953	2.98	2.898	1.42	0.42	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	163	3.077	3.005	3.109	1.74	0.52	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	192	1.9806	2.0449	1.9754	1.94	0.54	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	194	3.3131	3.2871	3.192	1.95	0.58	2.22	0.24	17.2	0
CBDA (%AR)	004.99	Other	132	2.557	2.483	2.459	2.04	0.59	2.22	0.24	17.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.7823	2.6649	2.7113	2.17	0.63	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	142	2.87	2.79	2.93	2.45	0.72	2.22	0.24	17.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	2.81	2.94	2.94	2.59	0.76	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	106	3.09	3.15	2.99	2.63	0.78	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	155	2.57	2.72	2.67	2.88	0.84	2.22	0.24	17.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	2.951	2.794	2.822	2.93	0.86	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	144	3.2784	3.2611	3.4428	3.01	0.9	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	172	3.106	2.926	3.096	3.32	0.98	2.22	0.24	17.2	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.3271	3.1058	3.228	3.44	1.03	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	184	3.671	3.51	3.787	3.8	1.16	2.22	0.24	17.2	0
CBDA (%AR)	004.10	Other LC-UV	191	3.7046	3.2471	3.2535	7.71	2.32	2.22	0.24	17.2	0
CBDA (%AR)	004.30	Other LC-MS	164	3.3874	3.9094	3.2443	9.96	3.01	2.22	0.24	17.2	0
CBDA (%AR)	004.60	NIR	187	2.53	2.79	2.14	13.2	3.78	2.22	0.24	17.2	0
CBDA (%AR)	004.99	Other	183	3.781	2.695	3.581	17.2	5.18	2.22	0.24	17.2	0

CBN (%AR)

CBN (%AR)	005.20	Other LC-MS	102	<0.0494	0.0448	<0.0487						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	
CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.99	Other	132	<0.1000	<0.1000	<0.1000						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0743	<0.0743	<0.0750						1
CBN (%AR)	005.10	Other LC-UV	106	0.05	0.05	0.05	0	0	6.02	0	26.3	0
CBN (%AR)	005.20	Other LC-MS	122	0.055	0.0543	0.0547	0.64	0.1	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	196	0.0386	0.0394	0.0388	1.07	0.16	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	189	0.0458	0.0447	0.0451	1.23	0.19	6.02	0	26.3	0
CBN (%AR)	005.99	Other	183	0.047	0.047	0.046	1.24	0.2	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	172	0.042	0.041	0.042	1.39	0.22	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	200	0.04	0.041	0.04	1.43	0.22	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	204	0.0441	0.0428	0.0439	1.61	0.25	6.02	0	26.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0533	0.0533	0.0548	1.61	0.26	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	194	0.0372	0.0368	0.0357	2.12	0.32	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	149	0.038	0.041	0.039	3.88	0.6	6.02	0	26.3	0
CBN (%AR)	005.30	GC-FID	116	0.0428	0.0403	0.0439	4.36	0.68	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	142	0.035	0.0348	0.0382	5.3	0.81	6.02	0	26.3	0
CBN (%AR)	005.30	GC-FID	192	0.0498	0.0445	0.0436	7.29	1.15	6.02	0	26.3	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0388	0.0332	0.0337	8.8	1.33	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	144	0.0369	0.0307	0.0374	10.7	1.62	6.02	0	26.3	0
CBN (%AR)	005.30	GC-FID	138	0.0448	0.0557	0.0492	11	1.76	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	116	0.0588	0.0686	0.0506	15.2	2.49	6.02	0	26.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0344	0.0457	0.0485	17.4	2.72	6.02	0	26.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.30	GC-FID	163	0.052	0.058	0.04	18.3	2.93	6.02	0	26.3	0
CBN (%AR)	005.10	Other LC-UV	192	0.0188	0.0324	0.0278	26.3	3.82	6.02	0	26.3	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	190	0.273	0.28							1
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	120	0.2253	0.223	0.2231	0.58	0.12	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2344	0.2315	0.2343	0.7	0.14	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2278	0.224	0.2262	0.84	0.17	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1941	0.1962	0.198	1	0.2	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1963	0.1995	0.1958	1.02	0.2	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.214	0.218	0.218	1.07	0.21	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2301	0.2307	0.2258	1.17	0.23	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2301	0.233	0.2277	1.15	0.23	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.201	0.206	0.203	1.24	0.24	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1931	0.1911	0.196	1.27	0.25	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.199	0.203	0.205	1.51	0.3	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1861	0.1907	0.1914	1.52	0.3	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2553	0.2565	0.2492	1.54	0.31	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.2305	0.224	0.2295	1.54	0.31	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1914	0.1866	0.1932	1.79	0.35	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.2055	0.2008	0.1979	1.9	0.38	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1283	0.1231	0.1271	2.16	0.4	3.76	0.58	11.9	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	189	0.2545	0.249	0.2434	2.23	0.45	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.1737	0.166	0.1671	2.47	0.47	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.221	0.2275	0.2322	2.48	0.5	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.214	0.209	0.22	2.57	0.51	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2274	0.2318	0.2191	2.85	0.57	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.99	Other	183	0.251	0.236	0.244	3.08	0.62	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.1908	0.204	0.196	3.38	0.66	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2079	0.2071	0.195	3.55	0.7	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2082	0.2235	0.2161	3.54	0.71	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1859	0.1996	0.1901	3.66	0.72	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.25	0.262	0.244	3.64	0.74	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2647	0.2502	0.2446	4.1	0.84	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2322	0.213	0.2219	4.32	0.86	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.27	0.25	0.25	4.5	0.92	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.1877	0.1995	0.1805	5.07	0.99	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2845	0.2629	0.288	4.88	1.01	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.178	0.191	0.198	5.37	1.05	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2328	0.2595	0.2426	5.51	1.12	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.99	Other	132	0.219	0.203	0.195	5.94	1.17	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.38	0.395	0.425	5.73	1.25	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.118	0.136	0.131	7.24	1.33	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.21	0.18	0.19	7.9	1.55	3.76	0.58	11.9	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	164	0.2353	0.2717	0.2365	8.34	1.7	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.23	0.26	0.22	8.8	1.78	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2774	0.276	0.2326	9.72	1.99	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2852	0.247	0.2326	10.7	2.18	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.197	0.2324	0.1878	11.4	2.26	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2018	0.2475	0.2522	11.9	2.4	3.76	0.58	11.9	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.234	0.276	0.297	11.9	2.45	3.76	0.58	11.9	0

Total CBD (%AR)

Total CBD (%AR)	007.30	Other LC-MS	122	7.7175	7.7061	7.7135	0.08	0.03	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	197	7.8588	7.8935	7.9009	0.28	0.1	2.16	0.07	16.7	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	7.5271	7.5345	7.58	0.38	0.13	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	200	6.924	6.909	6.978	0.52	0.18	2.16	0.07	16.7	0
Total CBD (%AR)	007.60	NIR	138	7.625	7.675	7.59	0.56	0.19	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	196	7.2985	7.3888	7.3319	0.62	0.21	2.16	0.07	16.7	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	6.8318	6.7679	6.7531	0.62	0.21	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.085	7.12	7.028	0.66	0.22	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	189	7.0771	6.9976	7.0002	0.64	0.22	2.16	0.07	16.7	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	6.96	6.84	6.86	0.93	0.31	2.16	0.07	16.7	0
Total CBD (%AR)	007.99	Other	132	6.502	6.421	6.358	1.12	0.37	2.16	0.07	16.7	0
Total CBD (%AR)	007.40	GC-FID	169	6.8352	6.9787	6.8116	1.32	0.44	2.16	0.07	16.7	0
Total CBD (%AR)	007.40	GC-FID	116	8.4107	8.1832	8.3016	1.37	0.47	2.16	0.07	16.7	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	172	7.412	7.2001	7.3452	1.48	0.5	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	116	7.8386	7.6186	7.7922	1.5	0.51	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	142	7.16	7.06	7.28	1.54	0.52	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	192	4.9436	5.1117	4.9802	1.76	0.56	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	204	7.6156	7.4372	7.6783	1.65	0.56	2.16	0.07	16.7	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	6.8499	7.0967	6.8915	1.9	0.64	2.16	0.07	16.7	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	7.3766	7.082	7.2179	2.04	0.69	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	194	7.8663	7.8372	7.5675	2.12	0.72	2.16	0.07	16.7	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	7.031	6.7323	6.9579	2.25	0.75	2.16	0.07	16.7	0
Total CBD (%AR)	007.40	GC-FID	192	4.5204	4.3021	4.3898	2.49	0.78	2.16	0.07	16.7	0
Total CBD (%AR)	007.60	NIR	187	6.68	6.78	6.4	2.98	0.99	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	155	6.41	6.83	6.84	3.67	1.22	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.3632	8.1077	8.7111	3.61	1.24	2.16	0.07	16.7	0
Total CBD (%AR)	007.40	GC-FID	163	7.521	8.083	7.904	3.66	1.25	2.16	0.07	16.7	0
Total CBD (%AR)	007.30	Other LC-MS	164	7.4851	8.1615	7.2459	6.22	2.12	2.16	0.07	16.7	0
Total CBD (%AR)	007.40	GC-FID	138	7.702	8.5002	8.7512	6.59	2.27	2.16	0.07	16.7	0
Total CBD (%AR)	007.10	Other LC-UV	191	8.49	7.55	7.52	7.02	2.4	2.16	0.07	16.7	0
Total CBD (%AR)	007.40	GC-FID	170	6.0589	7.3848	6.8405	9.86	3.29	2.16	0.07	16.7	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.294	6.3365	6.3886	10.3	3.37	2.16	0.07	16.7	0
Total CBD (%AR)	007.99	Other	183	8.932	6.448	8.504	16.7	5.71	2.16	0.07	16.7	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	132	<0.1000	<0.1000	<0.1000						1
CBDV (%AR)	008.99	Other	197	<0.0495	<0.0495	<0.0500						1
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270						1
CBDV (%AR)	008.99	Other	200	0.041	0.041	0.041	0	0	8.02	0	128	0
CBDV (%AR)	008.99	Other	196	0.0318	0.0323	0.032	0.79	0.12	8.02	0	128	0
CBDV (%AR)	008.99	Other	183	0.046	0.047	0.046	1.25	0.2	8.02	0	128	0
CBDV (%AR)	008.99	Other	189	0.0447	0.0518	0.0449	8.58	1.36	8.02	0	128	0
CBDV (%AR)	008.99	Other	106	0.05	0.04	0.04	13.3	2.09	8.02	0	128	0
CBDV (%AR)	008.99	Other	142	0.0459	0.451	0.048	128	24.92	8.02	0	128	0
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	197	<0.0495	<0.0495	<0.0500						1
CBDVA (%AR)	009.99	Other	196	0.0255	0.0262	0.0258	1.36	0.2				0
CBDVA (%AR)	009.99	Other	183	0.046	0.044	0.045	2.22	0.35				0
CBDVA (%AR)	009.99	Other	142	0.0314	0.031	0.0331	3.5	0.52				0
CBDVA (%AR)	009.99	Other	149	0.043	0.034	0.034	14	2.15				0
			CBG (%AR)									
CBG (%AR)	010.99	Other	189	0.3616	0.3587	0.3562	0.75	0.16	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	200	0.295	0.289	0.292	1.03	0.21	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	142	0.295	0.297	0.303	1.4	0.29	2.59	0.75	5.42	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	196	0.2874	0.2917	0.2961	1.49	0.31	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	122	0.3993	0.3883	0.3895	1.54	0.33	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	183	0.356	0.363	0.348	2.11	0.45	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	132	0.337	0.328	0.323	2.15	0.46	2.59	0.75	5.42	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.295	0.289	0.303	2.38	0.5	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	106	0.5	0.5	0.48	2.34	0.53	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	172	0.29	0.305	0.301	2.6	0.54	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	155	0.332	0.322	0.344	3.31	0.7	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	194	0.3418	0.3264	0.3192	3.51	0.74	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	204	0.3357	0.3337	0.3614	4.5	0.96	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	197	0.2307	0.2569	0.244	5.37	1.09	2.59	0.75	5.42	0
CBG (%AR)	010.99	Other	149	0.267	0.297	0.288	5.42	1.12	2.59	0.75	5.42	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	122	0.4123	0.4123	0.4121	0.03	0.01	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	183	0.44	0.435	0.437	0.57	0.13	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	189	0.3835	0.3774	0.3787	0.85	0.18	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	194	0.407	0.4078	0.3939	1.94	0.42	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	196	0.3663	0.3658	0.3792	2.05	0.44	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	172	0.376	0.382	0.365	2.3	0.5	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	204	0.3982	0.3944	0.4127	2.4	0.53	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	149	0.395	0.41	0.389	2.72	0.59	2.42	0.03	4.42	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	132	0.341	0.327	0.32	3.25	0.69	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	106	0.35	0.35	0.33	3.36	0.72	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	142	0.368	0.368	0.39	3.38	0.73	2.42	0.03	4.42	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.359	0.385	0.385	3.99	0.86	2.42	0.03	4.42	0
CBGA (%AR)	011.99	Other	197	0.3871	0.4228	0.408	4.42	0.97	2.42	0.03	4.42	0

THCV (%AR)

THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022						1
THCV (%AR)	012.99	Other	132	<0.1000	<0.1000	<0.1000						1
THCV (%AR)	012.99	Other	197	<0.0495	<0.0495	<0.0500						1
THCV (%AR)	012.99	Other	183	0	0	0						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270						1
THCV (%AR)	012.99	Other	189	0.0459	0.0438	0.042	4.45	0.7				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	183	0	0	0						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	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	197	<0.0495	<0.0495	<0.0500						1
Δ8-THC (%AR)	013.99	Other	102	<0.0198	<0.0238	<0.0195						1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270						1
Δ8-THC (%AR)	013.99	Other	138	0.0479	0.0516	0.0503	3.76	0.6				0
Δ8-THC (%AR)	013.99	Other	189	0.0127	0.01	0.009	18.1	2.29				0

CBC (%AR)

CBC (%AR)	014.99	Other	196	0.2185	0.2202	0.2172	0.69	0.14	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	155	0.225	0.228	0.225	0.77	0.15	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	149	0.224	0.222	0.22	0.9	0.18	1.6	0.69	3.5	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.23	0.227	0.231	0.91	0.18	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	189	0.2797	0.2742	0.2782	1.03	0.21	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	172	0.243	0.238	0.239	1.1	0.22	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	194	0.2421	0.2394	0.2358	1.32	0.27	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	204	0.2319	0.225	0.2284	1.51	0.3	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	183	0.265	0.258	0.257	1.68	0.34	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	200	0.26	0.269	0.265	1.7	0.35	1.6	0.69	3.5	0
CBC (%AR)	014.02	AOAC 2018.11, U	103	0.215	0.216	0.222	1.74	0.35	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	106	0.24	0.24	0.23	2.44	0.49	1.6	0.69	3.5	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	142	0.219	0.218	0.228	2.48	0.5	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	197	0.2307	0.2188	0.233	3.35	0.67	1.6	0.69	3.5	0
CBC (%AR)	014.99	Other	132	0.219	0.208	0.205	3.5	0.69	1.6	0.69	3.5	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	224	<0.2100	<0.2291	<0.2274						1
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.04	ICP-MS	194	0.1552	0.1578	0.154	1.25	0.24	2.45	1.25	8.61	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1636	0.1614	0.1571	2.06	0.39	2.45	1.25	8.61	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.139	0.135	0.133	2.25	0.42	2.45	1.25	8.61	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.111	0.112	0.116	2.34	0.42	2.45	1.25	8.61	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1517	0.1591	0.1546	2.4	0.46	2.45	1.25	8.61	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.161	0.169	0.16	3.02	0.58	2.45	1.25	8.61	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.149	0.131	0.155	8.61	1.62	2.45	1.25	8.61	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	197	<0.0952	<0.0954	<0.0980						1
As (ug/g AR)	102.04	ICP-MS	142	<0.0500	0.063	0.053						1
As (ug/g AR)	102.04	ICP-MS	106	<0.0800	<0.0800	<0.0800						1
As (ug/g AR)	102.04	ICP-MS	224	<0.1050	<0.1145	<0.1137						1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	194	0.0649	0.0632	0.0635	1.42	0.24				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	196	0.0533	0.0515	0.0543	2.68	0.43				0
As (ug/g AR)	102.04	ICP-MS	183	0.053	0.051	0.05	2.98	0.48				0
As (ug/g AR)	102.04	ICP-MS	102	0.0597	0.0451	0.0434	18.1	2.89				0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	197	<0.0952	<0.0954	<0.0980						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	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	224	<0.0210	<0.0229	<0.0227						1
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072						1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200						1
Hg (ug/g AR)	103.04	ICP-MS	106	0.008	0.008	0.008	0	0				0
Hg (ug/g AR)	103.04	ICP-MS	102	0.0087	0.0083	0.0087	2.7	0.33				0
Hg (ug/g AR)	103.04	ICP-MS	183	0.038	0.035	0.034	5.84	0.89				0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	196	0.336	0.341	0.316	4	0.85	11.94	4	17.8	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.2431	0.2523	0.2236	6.11	1.24	11.94	4	17.8	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.2991	0.3363	0.277	9.85	2.07	11.94	4	17.8	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.302	0.339	0.276	10.4	2.17	11.94	4	17.8	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.3891	0.3621	0.2957	13.8	2.95	11.94	4	17.8	0
Pb (ug/g AR)	104.04	ICP-MS	224	0.4149	0.3124	0.3823	14.2	3.06	11.94	4	17.8	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	162	0.4156	0.3112	0.3647	14.3	3.09	11.94	4	17.8	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.264	0.187	0.228	17	3.41	11.94	4	17.8	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.324	0.256	0.231	17.8	3.67	11.94	4	17.8	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	8.52	8.41	8.38	0.87	0.3				0
Cu (ug/g AR)	105.04	ICP-MS	142	14	14.2	14.2	0.82	0.3				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	1.06	1.03	0.999	2.96	0.75				0
Ni (ug/g AR)	106.04	ICP-MS	102	2.696	2.6176	2.485	4.1	1.19				0
Ni (ug/g AR)	106.04	ICP-MS	142	0.673	0.573	0.579	9.22	2.14				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	196	0.482	0.48	0.464	2.08	0.47				0
Cr (ug/g AR)	107.04	ICP-MS	197	0.3598	0.3707	0.3249	6.8	1.46				0
Cr (ug/g AR)	107.04	ICP-MS	142	0.537	0.357	0.455	20	4.45				0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	197	<1.0000	<0.0954	<0.0980						1
Se (ug/g AR)	108.04	ICP-MS	142	<0.0500	<0.0500	<0.0500						1
Se (ug/g AR)	108.04	ICP-MS	196	0.124	0.126	0.119	2.93	0.54				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	102	0.1186	0.1231	0.114	3.84	0.7				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	0.0041	0.0044	0.0039	6.09	0.67				0
Ba (ug/g AR)												
Ba (ug/g AR)	110.04	ICP-MS	142	50.5	52.2	49.1	3.07	1.39				0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	196	52.2	51.9	52.6	0.67	0.3				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	0.0086	0.0093	0.0078	8.76	1.08				0
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.106	0.104	0.106	1.1	0.2				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0317	0.0328	0.0303	3.97	0.59				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0592	0.0595	0.0554	3.94	0.64				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.095	0.105	0.096	5.58	0.99				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0205	0.0208	0.0177	8.69	1.21				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 (%)	202.01	GC,FID	142	0.0719	0.0708	0.072	0.93	0.16				0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.047	0.0483	0.0446	4.03	0.64				0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.056	0.061	0.059	4.29	0.7				0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0384	0.0383	0.0336	7.46	1.14				0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0472	0.0546	0.0486	7.84	1.25				0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0169	0.0163	0.0164	1.94	0.26				0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0124	0.0121	0.0119	2.07	0.27				0
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0062	0.0061	0.0055	6.38	0.74				0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.008	0.013	0.012	24.1	3.06				0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Geraniol (%AR)	204.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						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)	205.01	GC,FID	142	0.0377	0.0372	0.038	1.07	0.16				0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0194	0.0194	0.0178	4.9	0.68				0
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0155	0.0156	0.0135	7.97	1.06				0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0188	0.0213	0.0184	8.06	1.12				0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.021	0.025	0.023	8.7	1.24				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
d-Limonene (%AR)	206.02	GC,MS	194	0.0023	0.0024	0.0023	2.47	0.25				0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100						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	194	0.0056	0.0056	0.0055	1.04	0.12				0

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	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0035	0.0035	0.0033	3.36	0.36				0
beta-Myrcene (%AR)	208.02	GC,MS	196	0.0015	0.0014	0.0013	7.14	0.67				0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
Ocimene (%AR)												
Ocimene (%AR)	210.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						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
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0010	<0.0010	<0.0010						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	194	0.0015	0.0016	0.0015	3.77	0.36				0
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
(-)-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	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	183	<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	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0010	<0.0010	<0.0010						1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	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-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0010	<0.0010	<0.0010						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
Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	189	4.712	4.712	4.712	0	0	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.05	6.05	6.05	0	0	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.2	7.1	7.15	0.7	0.24	3.41	0	18.4	0
Moisture (%AR)	500.99	Other	105	8.63	8.5	8.55	0.77	0.26	3.41	0	18.4	0
Moisture (%AR)	500.99	Other	142	5	5	5.1	1.15	0.37	3.41	0	18.4	0
Moisture (%AR)	500.72	NIR	138	6.9	6.75	6.8	1.12	0.37	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.13	6.19	6.33	1.65	0.54	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	172	6.986	7.001	6.778	1.8	0.6	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.48	5.34	5.26	2.08	0.67	3.41	0	18.4	0
Moisture (%AR)	500.99	Other	120	6.6188	6.4026	6.6553	2.08	0.69	3.41	0	18.4	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.7294	9.405	9.8214	2.27	0.8	3.41	0	18.4	0
Moisture (%AR)	500.50	AOAC 930.15	210	7.13	7.46	7.09	2.81	0.95	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.62	7.05	6.82	3.15	1.05	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.67	3.46	3.37	4.4	1.33	3.41	0	18.4	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.	194	7.26	6.73	6.82	4.09	1.37	3.41	0	18.4	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.0646	9.7532	9.7308	4.11	1.44	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.345	6.95	6.69	4.71	1.58	3.41	0	18.4	0
Moisture (%AR)	500.99	Other	102	7	6.2	6.6	6.06	2.02	3.41	0	18.4	0
Moisture (%AR)	500.99	Other	103	4.94	4.95	5.73	8.71	2.79	3.41	0	18.4	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.9	7.84	7.92	13.6	4.72	3.41	0	18.4	0
Moisture (%AR)	500.99	Other	224	10.1977	7.8909	9.9607	13.6	4.76	3.41	0	18.4	0
Moisture (%AR)	500.72	NIR	187	5.5	5.9	7.7	18.4	6.09	3.41	0	18.4	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.02	AOAC 2018.11, U	120	0.2247	0.2215	0.2224	0.74	0.15	3	0.74	6.72	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2052	0.202	0.2041	0.8	0.16	3	0.74	6.72	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2457	0.244	0.2399	1.23	0.25	3	0.74	6.72	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.236	0.234	0.2301	1.29	0.26	3	0.74	6.72	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2038	0.1987	0.2057	1.79	0.35	3	0.74	6.72	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.192	0.185	0.193	2.29	0.45	3	0.74	6.72	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.18	0.182	0.1724	2.84	0.55	3	0.74	6.72	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	218	0.192	0.201	0.191	2.83	0.55	3	0.74	6.72	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2271	0.2214	0.2142	2.93	0.58	3	0.74	6.72	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.2177	0.2162	0.2009	4.39	0.87	3	0.74	6.72	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1831	0.1676	0.1673	5.23	1.01	3	0.74	6.72	0
Δ9-THC (%DW)	501.60	NIR	187	0.24	0.26	0.23	6.28	1.27	3	0.74	6.72	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)	501.30	Other LC-MS	105	0.254	0.239	0.222	6.72	1.36	3	0.74	6.72	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.60	NIR	187	<0.0100	0.02	0.01						1
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0531	0.353	<0.0521						1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	218	0.057	0.057	0.056	1.02	0.17	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	120	0.0189	0.0185	0.019	1.41	0.19	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0455	0.0455	0.047	1.88	0.3	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.02	0.02	0.0212	3.4	0.47	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.027	0.025	0.025	4.5	0.65	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0483	0.044	0.0483	5.3	0.84	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0275	0.0308	0.0267	7.67	1.13	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0166	0.0197	0.0173	9.1	1.25	5.05	1.02	12.2	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0195	0.0153	0.0182	12.2	1.66	5.05	1.02	12.2	0

CBD (%DW)

CBD (%DW)	503.01	AOAC 2018.10	210	5.053	5.028	5.035	0.26	0.08	2.12	0.26	4.86	0
CBD (%DW)	503.10	Other LC-UV	189	4.7978	4.7453	4.7487	0.62	0.2	2.12	0.26	4.86	0
CBD (%DW)	503.10	Other LC-UV	172	5.0366	4.9786	4.9743	0.7	0.22	2.12	0.26	4.86	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.3295	5.2547	5.3461	0.92	0.3	2.12	0.26	4.86	0
CBD (%DW)	503.02	AOAC 2018.11, U	218	4.92	4.956	4.853	1.06	0.34	2.12	0.26	4.86	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	204	5.1593	5.0315	5.2136	1.82	0.58	2.12	0.26	4.86	0
CBD (%DW)	503.10	Other LC-UV	116	5.476	5.2185	5.414	2.5	0.81	2.12	0.26	4.86	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	4.6739	4.505	4.7555	2.75	0.87	2.12	0.26	4.86	0
CBD (%DW)	503.60	NIR	187	4.72	4.6	4.9	3.19	1.01	2.12	0.26	4.86	0
CBD (%DW)	503.30	Other LC-MS	105	4.99	4.75	5.09	3.53	1.13	2.12	0.26	4.86	0
CBD (%DW)	503.10	Other LC-UV	162	5.9084	5.5424	5.5811	3.54	1.15	2.12	0.26	4.86	0
CBD (%DW)	503.30	Other LC-MS	102	5.1983	4.717	4.9412	4.86	1.55	2.12	0.26	4.86	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	116	3.2002	3.2287	3.2149	0.44	0.13	2.7	0.44	12.1	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.676	3.638	3.642	0.57	0.17	2.7	0.44	12.1	0
CBDA (%DW)	504.10	Other LC-UV	189	2.998	2.9627	2.962	0.69	0.2	2.7	0.44	12.1	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.4308	3.4914	3.4886	0.99	0.3	2.7	0.44	12.1	0
CBDA (%DW)	504.10	Other LC-UV	204	3.364	3.293	3.3781	1.36	0.41	2.7	0.44	12.1	0
CBDA (%DW)	504.02	AOAC 2018.11, U	218	3.071	3.053	2.957	2.02	0.6	2.7	0.44	12.1	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	3.1044	2.94	2.9935	2.78	0.82	2.7	0.44	12.1	0
CBDA (%DW)	504.10	Other LC-UV	172	3.337	3.1436	3.3262	3.32	1	2.7	0.44	12.1	0
CBDA (%DW)	504.10	Other LC-UV	162	3.8578	3.573	3.5662	4.54	1.38	2.7	0.44	12.1	0
CBDA (%DW)	504.30	Other LC-MS	105	2.77	3.06	2.72	6.44	1.89	2.7	0.44	12.1	0
CBDA (%DW)	504.60	NIR	187	2.68	2.96	2.32	12.1	3.51	2.7	0.44	12.1	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)	505.20	Other LC-MS	102	<0.0531	0.0478	<0.0521						1
CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	189	0.048	0.0469	0.0474	1.16	0.18	3.27	1.16	26.6	0
CBN (%DW)	505.10	Other LC-UV	162	0.0493	0.0493	0.0482	1.3	0.21	3.27	1.16	26.6	0
CBN (%DW)	505.10	Other LC-UV	172	0.0451	0.044	0.0451	1.42	0.22	3.27	1.16	26.6	0
CBN (%DW)	505.10	Other LC-UV	204	0.047	0.0456	0.0467	1.59	0.25	3.27	1.16	26.6	0
CBN (%DW)	505.02	AOAC 2018.11, U	218	0.044	0.043	0.042	2.33	0.36	3.27	1.16	26.6	0
CBN (%DW)	505.03	AOAC 2018.11, M	210	0.039	0.039	0.037	3.01	0.46	3.27	1.16	26.6	0
CBN (%DW)	505.20	Other LC-MS	105	0.0402	0.0401	0.0379	3.3	0.51	3.27	1.16	26.6	0
CBN (%DW)	505.30	GC-FID	116	0.0452	0.0426	0.0464	4.34	0.68	3.27	1.16	26.6	0
CBN (%DW)	505.10	Other LC-UV	116	0.0621	0.0725	0.0535	15.2	2.51	3.27	1.16	26.6	0
CBN (%DW)	505.10	Other LC-UV	192	0.0207	0.0359	0.0308	26.6	3.92	3.27	1.16	26.6	0
			Total Δ9-THC (%DW)									
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2444	0.2472	0.247	0.63	0.13	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2477	0.2447	0.2475	0.68	0.14	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	120	0.2413	0.2377	0.239	0.76	0.15	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2549	0.2572	0.2525	0.92	0.19	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.2476	0.2406	0.2465	1.54	0.31	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2698	0.2711	0.2633	1.56	0.32	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.2038	0.1987	0.2057	1.79	0.35	2.78	0.63	10.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.1974	0.1995	0.1915	2.11	0.42	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.267	0.2613	0.2554	2.22	0.45	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.216	0.207	0.215	2.32	0.46	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	218	0.242	0.251	0.24	2.4	0.49	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2008	0.2049	0.1914	3.48	0.68	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2234	0.2398	0.2265	3.79	0.76	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2045	0.2212	0.2106	3.98	0.79	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1976	0.1848	0.1825	4.32	0.84	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.271	0.252	0.238	6.53	1.33	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.243	0.274	0.237	7.9	1.61	2.78	0.63	10.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2961	0.2559	0.2407	10.8	2.22	2.78	0.63	10.8	0

Total CBD (%DW)

Total CBD (%DW)	507.01	AOAC 2018.10	210	8.277	8.218	8.229	0.38	0.13	1.57	0.38	6.59	0
Total CBD (%DW)	507.30	Other LC-MS	105	7.42	7.43	7.48	0.43	0.15	1.57	0.38	6.59	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	8.3383	8.3166	8.4056	0.56	0.19	1.57	0.38	6.59	0
Total CBD (%DW)	507.10	Other LC-UV	189	7.427	7.3436	7.3463	0.64	0.22	1.57	0.38	6.59	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	218	7.613	7.634	7.446	1.36	0.46	1.57	0.38	6.59	0
Total CBD (%DW)	507.40	GC-FID	116	8.887	8.6467	8.7717	1.37	0.48	1.57	0.38	6.59	0
Total CBD (%DW)	507.10	Other LC-UV	116	8.2826	8.0501	8.2335	1.5	0.51	1.57	0.38	6.59	0
Total CBD (%DW)	507.10	Other LC-UV	172	7.9631	7.7355	7.8914	1.48	0.51	1.57	0.38	6.59	0
Total CBD (%DW)	507.10	Other LC-UV	204	8.1095	7.9195	8.1762	1.65	0.57	1.57	0.38	6.59	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)	507.60	NIR	187	7.07	7.2	6.93	1.91	0.64	1.57	0.38	6.59	0
Total CBD (%DW)	507.10	Other LC-UV	192	5.4364	5.6641	5.5171	2.08	0.68	1.57	0.38	6.59	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	7.3964	7.0829	7.3808	2.42	0.82	1.57	0.38	6.59	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.2917	8.676	8.7087	3.9	1.35	1.57	0.38	6.59	0
Total CBD (%DW)	507.40	GC-FID	138	8.2654	9.122	9.3914	6.59	2.29	1.57	0.38	6.59	0

CBDV (%DW)

CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.042	0.041	0.041	1.4	0.22				0
CBDV (%DW)	508.99	Other	162	0.0491	0.0468	0.0508	4.11	0.65				0
CBDV (%DW)	508.99	Other	189	0.0469	0.0543	0.0472	8.47	1.35				0

CBDVA (%DW)

CBDVA (%DW)	509.01	AOAC 2018.10	210	0.036	0.037	0.036	1.59	0.24				0
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CBG (%DW)

CBG (%DW)	510.99	Other	189	0.3795	0.3764	0.3738	0.76	0.16	3.69	0.76	6.98	0
CBG (%DW)	510.99	Other	172	0.3116	0.3277	0.3234	2.6	0.55	3.69	0.76	6.98	0
CBG (%DW)	510.01	AOAC 2018.10	210	0.345	0.346	0.329	2.81	0.6	3.69	0.76	6.98	0
CBG (%DW)	510.99	Other	105	0.287	0.307	0.282	4.53	0.94	3.69	0.76	6.98	0
CBG (%DW)	510.99	Other	204	0.3575	0.3553	0.3848	4.49	0.97	3.69	0.76	6.98	0
CBG (%DW)	510.99	Other	162	0.3608	0.3138	0.3359	6.98	1.49	3.69	0.76	6.98	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)	511.01	AOAC 2018.10	210	0.419	0.417	0.416	0.37	0.08				0
CBGA (%DW)	511.99	Other	189	0.4024	0.3961	0.3974	0.83	0.18				0
CBGA (%DW)	511.99	Other	172	0.404	0.4104	0.3921	2.31	0.5				0
CBGA (%DW)	511.99	Other	204	0.424	0.42	0.4395	2.41	0.53				0
CBGA (%DW)	511.99	Other	162	0.5132	0.4353	0.4504	8.86	1.98				0
			THCV (%DW)									
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0120						1
THCV (%DW)	512.99	Other	189	0.0482	0.046	0.0441	4.45	0.7				0
			Δ8-THC (%DW)									
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	102	<0.0212	<0.0254	<0.0208						1
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.023	0.026	0.027	8.22	1.19				0
Δ8-THC (%DW)	513.99	Other	189	0.0134	0.0105	0.0094	18.6	2.37				0
			CBC (%DW)									
CBC (%DW)	514.01	AOAC 2018.10	210	0.236	0.24	0.238	0.84	0.17	2.16	0.84	5.93	0
CBC (%DW)	514.99	Other	189	0.2936	0.2878	0.2919	1.02	0.21	2.16	0.84	5.93	0
CBC (%DW)	514.99	Other	172	0.2611	0.2557	0.2568	1.11	0.23	2.16	0.84	5.93	0
CBC (%DW)	514.99	Other	204	0.2469	0.2396	0.2432	1.5	0.3	2.16	0.84	5.93	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBC (%DW)	514.02	AOAC 2018.11, U	103	0.2262	0.2272	0.2355	2.22	0.45	2.16	0.84	5.93	0
CBC (%DW)	514.99	Other	162	0.2509	0.2425	0.233	3.7	0.75	2.16	0.84	5.93	0
CBC (%DW)	514.99	Other	105	0.278	0.261	0.247	5.93	1.21	2.16	0.84	5.93	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