

Hemp Proficiency Testing

All Labs Precision

HM23NOV-2 (hemp)



Sample: HM23NOV-2 (hemp)

All Labs Precision

Issue Date: January 7, 2024

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)	001.01	AOAC 2018.10	175	0.2	0.2	0.2	0	0	3.12	0	14.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.17	0.17	0.17	0	0	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.129	0.1278	0.1275	0.62	0.11	3.12	0	14.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.186	0.185	0.184	0.54	0.11	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1889	0.191	0.1902	0.56	0.11	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1652	0.1635	0.165	0.56	0.11	3.12	0	14.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.1485	0.1502	0.1491	0.58	0.11	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1672	0.1658	0.1679	0.64	0.12	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1668	0.1672	0.1648	0.77	0.15	3.12	0	14.8	0
Δ9-THC (%AR)	001.99	Other	215	0.141	0.1376	0.1437	2.17	0.41	3.12	0	14.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.18	0.189	0.182	2.57	0.5	3.12	0	14.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.18	0.174	0.1831	2.58	0.5	3.12	0	14.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.149	0.141	0.144	2.79	0.52	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1639	0.1706	0.1727	2.72	0.52	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1752	0.1767	0.1843	2.73	0.53	3.12	0	14.8	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)	001.03	AOAC 2018.11, M	139	0.1825	0.1727	0.1744	2.97	0.57	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1428	0.1364	0.1336	3.43	0.64	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.16	0.164	0.171	3.37	0.65	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.1883	0.1753	0.182	3.57	0.69	3.12	0	14.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.164	0.163	0.174	3.64	0.7	3.12	0	14.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1412	0.1497	0.1398	3.73	0.7	3.12	0	14.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1769	0.1739	0.1644	3.8	0.73	3.12	0	14.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.152	0.153	0.139	5.28	0.99	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.16	0.15	0.17	6.25	1.19	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1888	0.1732	0.1678	6.17	1.19	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.172	0.147	0.156	8	1.52	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.174	0.153	0.149	8.46	1.61	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.097	0.0997	0.0767	13.8	2.41	3.12	0	14.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1587	0.1366	0.1181	14.8	2.75	3.12	0	14.8	0

Δ9-THCA (%AR)												
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0564	<0.048	<0.048						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	0.0519	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0746	<0.0701	<0.0721						1
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.05	0.05	0.05	0	0	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0619	0.0613	0.062	0.61	0.1	5.15	0	72	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.058	0.0569	0.0585	1.42	0.23	5.15	0	72	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	184	0.0552	0.0547	0.0531	2.02	0.33	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0565	0.0572	0.0593	2.53	0.41	5.15	0	72	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.068	0.071	0.071	2.47	0.42	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.058	0.059	0.061	2.57	0.42	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0482	0.0501	0.0473	2.95	0.47	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0608	0.0595	0.0636	3.42	0.56	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0669	0.0686	0.0641	3.42	0.57	5.15	0	72	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.057	0.056	0.06	3.61	0.59	5.15	0	72	0
Δ9-THCA (%AR)	002.99	Other	215	0.0486	0.0525	0.0521	4.2	0.67	5.15	0	72	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.053	0.053	0.057	4.25	0.69	5.15	0	72	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.065	0.064	0.06	4.2	0.7	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0642	0.0604	0.0592	4.26	0.7	5.15	0	72	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0781	0.0728	0.0725	4.23	0.72	5.15	0	72	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.059	0.054	0.054	5.19	0.84	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.046	0.052	0.049	6.12	0.98	5.15	0	72	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.062	0.059	0.054	6.93	1.13	5.15	0	72	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.058	0.0516	0.051	7.25	1.17	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0651	0.0573	0.0658	7.52	1.24	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0519	0.0415	0.0455	11.3	1.79	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.048	0.0363	0.0517	17.7	2.79	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0514	0.0462	0.0338	20.6	3.24	5.15	0	72	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.046	0.0329	0.0287	25.2	3.83	5.15	0	72	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)	002.02	AOAC 2018.11, U	125	0.008	0.0666	0.068	72	11.43	5.15	0	72	0
CBD (%AR)												
CBD (%AR)	003.30	Other LC-MS	122	0.1993	0.2001	0.2004	0.28	0.06	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	189	3.0598	3.0293	3.0607	0.59	0.17	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	163	3.3013	3.2617	3.2847	0.61	0.18	2.47	0.28	8.67	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	3.0555	3.089	3.0475	0.72	0.21	2.47	0.28	8.67	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	3.01	2.966	2.989	0.74	0.22	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	170	3.1106	3.0735	3.128	0.9	0.27	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	197	3.4706	3.4204	3.488	1.01	0.31	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	192	2.0305	1.95	1.9754	2.07	0.58	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	106	3.28	3.14	3.25	2.29	0.68	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	184	2.606	2.683	2.742	2.55	0.74	2.47	0.28	8.67	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	3.26	3.26	3.42	2.79	0.84	2.47	0.28	8.67	0
CBD (%AR)	003.99	Other	215	2.5205	2.605	2.684	3.14	0.91	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	196	3.047	2.905	3.085	3.15	0.93	2.47	0.28	8.67	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	2.886	2.7261	2.8838	3.24	0.95	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	142	3.18	3	3.21	3.63	1.08	2.47	0.28	8.67	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	2.6933	2.8902	2.7281	3.79	1.11	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	155	2.72	2.63	2.84	3.86	1.12	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	116	3.4042	3.2505	3.1395	4.07	1.22	2.47	0.28	8.67	0
CBD (%AR)	003.10	Other LC-UV	144	3.2524	3.3989	3.5844	4.88	1.47	2.47	0.28	8.67	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.30	Other LC-MS	164	3.6887	3.8457	4.3458	8.67	2.67	2.47	0.28	8.67	0
CBDA (%AR)												
CBDA (%AR)	004.10	Other LC-UV	189	3.5568	3.5238	3.5515	0.5	0.15	4.02	0.5	10.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.8855	3.935	3.917	0.64	0.2	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	184	3.509	3.581	3.584	1.19	0.36	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	170	4.5234	4.5037	4.6356	1.56	0.49	4.02	0.5	10.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	3.774	3.695	3.595	2.43	0.74	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	142	3.56	3.45	3.63	2.56	0.78	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	116	3.8784	3.9619	3.7556	2.68	0.82	4.02	0.5	10.2	0
CBDA (%AR)	004.99	Other	215	3.0753	3.1787	3.2638	2.98	0.89	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	155	2.84	2.75	2.95	3.52	1.03	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	197	3.9214	3.6308	3.7433	3.89	1.19	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	106	4.21	3.89	3.96	4.18	1.29	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	196	3.758	3.461	3.525	4.36	1.32	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	144	3.697	3.8279	4.0275	4.32	1.33	4.02	0.5	10.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	3.0973	3.3989	3.1706	4.88	1.46	4.02	0.5	10.2	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	3.83	4.28	3.96	5.76	1.78	4.02	0.5	10.2	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.3341	2.9413	3.0774	6.4	1.9	4.02	0.5	10.2	0
CBDA (%AR)	004.30	Other LC-MS	164	5.299	5.5411	6.2069	8.27	2.69	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	192	2.7204	2.6913	2.254	10.2	2.95	4.02	0.5	10.2	0
CBDA (%AR)	004.10	Other LC-UV	163	5.4303	4.6267	5.6197	10.1	3.24	4.02	0.5	10.2	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	<0.0498	<0.0467	<0.0481						1
CBN (%AR)	005.30	GC-FID	116	<0.0600	<0.0600	<0.0600						1
CBN (%AR)	005.10	Other LC-UV	116	<0.0600	<0.0600	<0.0600						1
CBN (%AR)	005.10	Other LC-UV	196	0.026	0.026	0.027	2.19	0.32	9.69	2.19	35.9	0
CBN (%AR)	005.30	GC-FID	138	0.0356	0.0372	0.0363	2.21	0.34	9.69	2.19	35.9	0
CBN (%AR)	005.10	Other LC-UV	144	0.0227	0.0224	0.0242	4.17	0.59	9.69	2.19	35.9	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.025	0.024	0.0265	5	0.72	9.69	2.19	35.9	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0235	0.021	0.0241	7.19	1.02	9.69	2.19	35.9	0
CBN (%AR)	005.30	GC-FID	192	0.0284	0.0296	0.0258	6.95	1.02	9.69	2.19	35.9	0
CBN (%AR)	005.10	Other LC-UV	189	0.026	0.0293	0.0256	7.53	1.1	9.69	2.19	35.9	0
CBN (%AR)	005.10	Other LC-UV	142	0.0253	0.0215	0.0231	8.19	1.17	9.69	2.19	35.9	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0269	0.0252	0.021	12.5	1.79	9.69	2.19	35.9	0
CBN (%AR)	005.30	GC-FID	163	0.0547	0.0467	0.0439	11.6	1.84	9.69	2.19	35.9	0
CBN (%AR)	005.10	Other LC-UV	106	0.03	0.04	0.03	17.3	2.61	9.69	2.19	35.9	0
CBN (%AR)	005.10	Other LC-UV	192	0.0278	0.0268	0.0186	20.7	2.97	9.69	2.19	35.9	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0286	0.0398	0.0189	35.9	5.3	9.69	2.19	35.9	0
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161		0.1953							1
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1922	0.2152							1

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Total Δ9-THC (%AR)	006.40	GC-FID	190	0.1749	0.1762							1
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.22	0.22	0.22	0	0	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2432	0.2447	0.2446	0.34	0.07	3.71	0	16	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2325	0.2315	0.234	0.54	0.11	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2239	0.2237	0.2212	0.68	0.14	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2447	0.2397	0.2404	1.12	0.23	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2048	0.2016	0.2062	1.15	0.23	3.71	0	16	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2544	0.2517	0.2474	1.41	0.29	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2231	0.2202	0.2168	1.43	0.29	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.1836	0.1837	0.1894	1.79	0.35	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2261	0.2208	0.2164	2.2	0.44	3.71	0	16	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.239	0.251	0.244	2.46	0.5	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2172	0.2228	0.2285	2.54	0.51	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1745	0.1642	0.1674	3.12	0.6	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1428	0.1364	0.1336	3.43	0.64	3.71	0	16	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2007	0.1884	0.1914	3.31	0.65	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.12	0.112	0.1138	3.64	0.66	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2	0.21	0.215	3.67	0.73	3.71	0	16	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2454	0.2377	0.228	3.68	0.74	3.71	0	16	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2334	0.218	0.2191	3.84	0.77	3.71	0	16	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2231	0.2139	0.2319	4.04	0.81	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.2543	0.2347	0.2433	4.02	0.82	3.71	0	16	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.209	0.209	0.192	4.83	0.95	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1992	0.1929	0.1804	5.01	0.98	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2428	0.225	0.2472	4.93	1	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.2459	0.2235	0.2254	5.36	1.08	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.225	0.204	0.203	5.9	1.17	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.214	0.191	0.197	5.95	1.17	3.71	0	16	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1941	0.1895	0.217	7.36	1.45	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1373	0.1285	0.1018	15.1	2.76	3.71	0	16	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2298	0.174	0.1831	15.3	3	3.71	0	16	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.2038	0.1771	0.1478	15.9	3.07	3.71	0	16	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.171	0.222	0.234	16	3.17	3.71	0	16	0

Total CBD (%AR)												
Total CBD (%AR)	007.10	Other LC-UV	189	6.1791	6.1196	6.1753	0.54	0.18	3.47	0.54	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	6.4631	6.54	6.4827	0.62	0.2	3.47	0.54	8.45	0
Total CBD (%AR)	007.40	GC-FID	163	6.388	6.3163	6.46	1.12	0.37	3.47	0.54	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	6.3198	6.2065	6.1418	1.45	0.48	3.47	0.54	8.45	0
Total CBD (%AR)	007.40	GC-FID	192	4.2283	4.0824	4.0798	2.06	0.64	3.47	0.54	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	197	6.9097	6.6046	6.7709	2.26	0.75	3.47	0.54	8.45	0
Total CBD (%AR)	007.40	GC-FID	170	5.7133	5.5931	5.4524	2.34	0.76	3.47	0.54	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	6.62	7.01	6.9	2.94	0.98	3.47	0.54	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	116	6.8056	6.7251	6.4332	2.94	0.98	3.47	0.54	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)	007.10	Other LC-UV	142	6.3	6.03	6.39	3	0.99	3.47	0.54	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	215	5.2175	5.3927	5.5463	3.05	0.99	3.47	0.54	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	196	6.343	5.941	6.176	3.28	1.08	3.47	0.54	8.45	0
Total CBD (%AR)	007.40	GC-FID	116	7.2616	7.0174	6.7752	3.47	1.16	3.47	0.54	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	155	5.21	5.04	5.44	3.84	1.23	3.47	0.54	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	5.4096	5.8711	5.5087	4.34	1.41	3.47	0.54	8.45	0
Total CBD (%AR)	007.40	GC-FID	138	6.7494	7.2064	7.3442	4.39	1.47	3.47	0.54	8.45	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	5.81	5.3056	5.5827	4.54	1.47	3.47	0.54	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	144	6.4954	6.7567	7.1173	4.6	1.54	3.47	0.54	8.45	0
Total CBD (%AR)	007.10	Other LC-UV	192	4.4162	4.3103	3.9522	5.75	1.79	3.47	0.54	8.45	0
Total CBD (%AR)	007.40	GC-FID	169	6.9249	6.3557	6.0264	7.06	2.34	3.47	0.54	8.45	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.3205	4.9032	5.7106	7.6	2.45	3.47	0.54	8.45	0
Total CBD (%AR)	007.30	Other LC-MS	164	8.3359	8.7052	9.7893	8.45	2.94	3.47	0.54	8.45	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0498	<0.0467	<0.0481						1
CBDV (%AR)	008.99	Other	106	0.1	0.1	0.1	0	0				0
CBDV (%AR)	008.99	Other	196	0.022	0.022	0.022	0	0				0
CBDV (%AR)	008.99	Other	189	0.0196	0.019	0.0188	2.18	0.3				0
CBDV (%AR)	008.99	Other	142	0.0299	0.0242	0.0272	10.5	1.53				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		CBDVA (%AR)										
CBDVA (%AR)	009.99	Other	197	<0.0498	<0.0467	<0.0481						1
CBDVA (%AR)	009.99	Other	196	0.033	0.031	0.032	3.12	0.47				0
CBDVA (%AR)	009.99	Other	142	0.0377	0.034	0.0345	5.67	0.86				0
		CBG (%AR)										
CBG (%AR)	010.99	Other	189	0.1412	0.1405	0.1409	0.25	0.05	4.59	0.25	16.2	0
CBG (%AR)	010.99	Other	155	0.251	0.249	0.255	1.21	0.25	4.59	0.25	16.2	0
CBG (%AR)	010.99	Other	197	0.1134	0.1167	0.1181	2.08	0.38	4.59	0.25	16.2	0
CBG (%AR)	010.99	Other	196	0.14	0.138	0.144	2.17	0.41	4.59	0.25	16.2	0
CBG (%AR)	010.99	Other	106	0.14	0.13	0.14	4.22	0.79	4.59	0.25	16.2	0
CBG (%AR)	010.02	AOAC 2018.11, U	103	0.158	0.144	0.152	4.64	0.88	4.59	0.25	16.2	0
CBG (%AR)	010.99	Other	142	0.158	0.13	0.137	10.3	1.92	4.59	0.25	16.2	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.197	0.25	0.186	16.2	3.22	4.59	0.25	16.2	0
		CBGA (%AR)										
CBGA (%AR)	011.99	Other	189	0.4275	0.4286	0.4243	0.52	0.12	3.47	0.52	6.48	0
CBGA (%AR)	011.02	AOAC 2018.11, U	103	0.428	0.419	0.419	1.23	0.27	3.47	0.52	6.48	0
CBGA (%AR)	011.99	Other	106	0.4	0.39	0.41	2.5	0.55	3.47	0.52	6.48	0
CBGA (%AR)	011.99	Other	197	0.4318	0.4393	0.4163	2.73	0.6	3.47	0.52	6.48	0
CBGA (%AR)	011.99	Other	196	0.451	0.408	0.434	5.02	1.11	3.47	0.52	6.48	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.47	0.475	0.427	5.77	1.29	3.47	0.52	6.48	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	142	0.415	0.366	0.381	6.48	1.41	3.47	0.52	6.48	0
THCV (%AR)												
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	197	<0.0498	<0.0467	<0.0481						1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300						1
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022						1
THCV (%AR)	012.99	Other	189	0.0092	0.0101	0.0096	4.68	0.58				0
Δ8-THC (%AR)												
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	197	<0.0498	<0.0467	<0.0481						1
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300						1
Δ8-THC (%AR)	013.99	Other	138	0.0684	0.069	0.0703	1.4	0.24				0
Δ8-THC (%AR)	013.99	Other	189	0.0071	0.0076	0.0068	5.64	0.67				0
CBC (%AR)												
CBC (%AR)	014.99	Other	196	0.177	0.178	0.18	0.86	0.17	3.99	0.86	9.16	0
CBC (%AR)	014.99	Other	189	0.1841	0.182	0.1802	1.07	0.21	3.99	0.86	9.16	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.191	0.198	0.193	1.86	0.36	3.99	0.86	9.16	0
CBC (%AR)	014.99	Other	106	0.18	0.17	0.18	3.27	0.63	3.99	0.86	9.16	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	155	0.165	0.167	0.18	4.77	0.92	3.99	0.86	9.16	0
CBC (%AR)	014.99	Other	197	0.1731	0.1523	0.1558	6.94	1.32	3.99	0.86	9.16	0
CBC (%AR)	014.99	Other	142	0.182	0.152	0.163	9.16	1.75	3.99	0.86	9.16	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	102	0.1235	0.1227	0.1256	1.21	0.22				0
Cd (ug/g AR)	101.04	ICP-MS	196	0.0819	0.0804	0.078	2.46	0.42				0
Cd (ug/g AR)	101.04	ICP-MS	142	0.124	0.135	0.13	4.25	0.78				0
Cd (ug/g AR)	101.04	ICP-MS	106	0.118	0.13	0.12	5.24	0.96				0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1191	0.1211	0.1377	8.11	1.49				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	<0.0994	<0.0978	<0.0990						1
As (ug/g AR)	102.04	ICP-MS	102	0.0625	0.0649	0.0657	2.59	0.43				0
As (ug/g AR)	102.04	ICP-MS	196	0.0754	0.0774	0.0793	2.52	0.43				0
As (ug/g AR)	102.04	ICP-MS	106	0.081	0.085	0.08	3.23	0.56				0
As (ug/g AR)	102.04	ICP-MS	142	0.082	0.089	0.086	4.1	0.71				0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	0.0076	<0.0072						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	
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0994	<0.0978	<0.0990						1
Hg (ug/g AR)	103.04	ICP-MS	106	0.009	0.009	0.008	6.66	0.82				0
Hg (ug/g AR)	103.04	ICP-MS	102	0.007	0.006	0.007	8.66	1.02				0
Hg (ug/g AR)	103.04	ICP-MS	142	0.0071	0.0043	0.0025	50	5.6				0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	196	0.43								1
Pb (ug/g AR)	104.04	ICP-MS	102	0.3718	0.3883	0.3723	2.49	0.54				0
Pb (ug/g AR)	104.04	ICP-MS	106	0.393	0.416	0.428	4.31	0.95				0
Pb (ug/g AR)	104.04	ICP-MS	197	0.3539	0.321	0.3679	6.93	1.48				0
Pb (ug/g AR)	104.04	ICP-MS	162	0.4651	0.5951	0.497	13.1	2.96				0
Pb (ug/g AR)	104.04	ICP-MS	142	0.355	0.681	0.333	42.7	9.51				0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	9.54	9.4	9.61	1.12	0.39				0
Cu (ug/g AR)	105.04	ICP-MS	142	15.6	17.1	16.5	4.6	1.76				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	1.01	0.892	0.952	6.2	1.54				0
Ni (ug/g AR)	106.04	ICP-MS	142	1.24	1.17	1.04	8.83	2.26				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	197	<10.0000	<10.0000	<10.0000						1
Cr (ug/g AR)	107.04	ICP-MS	196	0.508	0.538	0.547	3.85	0.88				0
Cr (ug/g AR)	107.04	ICP-MS	142	0.302	0.421	0.406	17.2	3.73				0
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	197	0.1289	0.1191	0.1305	4.89	0.9				0
Se (ug/g AR)	108.04	ICP-MS	196	0.113	0.126	0.121	5.46	1				0
Se (ug/g AR)	108.04	ICP-MS	142	0.07	0.067	0.095	19.9	3.39				0
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	142	0.0175	0.0171	0.0124	18.1	2.43				0
			Ba (ug/g AR)									
Ba (ug/g AR)	110.04	ICP-MS	142	0.198	0.222	0.201	6.32	1.25				0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	53.3	47.6	51.9	5.83	2.64				0
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0240	<0.0240	<0.0240						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	<0.1235	<0.1235	<0.1235						1
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0769	0.0759	0.0783	1.56	0.27				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0244	0.025	0.0241	1.87	0.27				0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	196	<0.1235	<0.1235	<0.1235						1
beta-Caryophyllene (%)	202.02	GC,MS	162	0.048	0.0467	0.0448	3.46	0.55				0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0634	0.0589	0.065	5.07	0.84				0
			(-)-Caryophyllene oxide (%AR)									
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.1235	<0.1235	<0.1235						1
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0241	0.0236	0.0243	1.5	0.22				0
			Geraniol (%AR)									
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
			alpha-Humulene (%AR)									
alpha-Humulene (%AR)	205.02	GC,MS	196	<0.1235	<0.1235	<0.1235						1
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0197	0.0193	0.0184	3.48	0.48				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0389	0.0368	0.04	4.22	0.65				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	162	<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)	206.01	GC,FID	142	0.0011	<0.0005	0.0011						1
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.01	GC,FID	142	0.0021	0.0021	0.0024	7.87	0.79				0
Linalool (%AR)	207.02	GC,MS	196	0.0023	0.002	0.0024	9.32	0.93				0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	196	0.0024	0.002	0.0023	9.32	0.93				0
beta-Myrcene (%AR)	208.01	GC,FID	142	0.0024	0.0017	0.0018	19.3	1.89				0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
Ocimene (%AR)												
Ocimene (%AR)	210.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.02	GC,MS	196	0.0028	0.0025	0.0026	5.8	0.6				0
(-)-beta-Pinene (%AR)												
(-)-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	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	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-Terpinolene (%AR)										
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
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
		Moisture (%AR)										
Moisture (%AR)	500.70	Commerc. Anal.	189	5.274	5.274	5.274	0	0	4.01	0	13	0
Moisture (%AR)	500.99	Other	165	7.621	7.557	7.7088	1	0.34	4.01	0	13	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.96	7.11	7.15	1.42	0.48	4.01	0	13	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.36	5.52	5.5	1.6	0.52	4.01	0	13	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.115	9.8411	9.8878	1.47	0.52	4.01	0	13	0
Moisture (%AR)	500.72	NIR	138	6.85	7.1	6.8	2.32	0.78	4.01	0	13	0
Moisture (%AR)	500.99	Other	103	6.51	6.4	6.21	2.38	0.79	4.01	0	13	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.5447	9.285	9.8891	3.17	1.11	4.01	0	13	0
Moisture (%AR)	500.50	AOAC 930.15	210	7.71	7.86	7.27	4.03	1.37	4.01	0	13	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.16	2.85	3.14	5.69	1.68	4.01	0	13	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.91	6.29	6.86	5.15	1.72	4.01	0	13	0
Moisture (%AR)	500.99	Other	142	4.4	4	4	5.59	1.73	4.01	0	13	0
Moisture (%AR)	500.99	Other	215	6.49	6.22	6.96	5.71	1.9	4.01	0	13	0
Moisture (%AR)	500.99	Other	102	8.7	7.7	7.7	7.19	2.46	4.01	0	13	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.15	8.54	7.585	9.16	3.12	4.01	0	13	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.8	12.5	10.38	13	4.68	4.01	0	13	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)												
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.1994	0.2016	0.2008	0.56	0.11	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.1788	0.1769	0.1788	0.62	0.12	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2069	0.2052	0.2042	0.66	0.13	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1764	0.1769	0.1744	0.75	0.15	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.174	0.173	0.171	0.88	0.17	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.99	Other	215	0.1508	0.1468	0.1545	2.56	0.48	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.198	0.189	0.198	2.66	0.52	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.1594	0.1506	0.1535	2.9	0.55	1.72	0.56	11.9	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1994	0.2514	0.2397	11.9	2.38	1.72	0.56	11.9	0
Δ9-THCA (%DW)												
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.061	<0.048	<0.048						1
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0653	0.0647	0.0655	0.64	0.11	3.88	0.64	10.7	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.06	0.061	0.059	1.67	0.27	3.88	0.64	10.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0724	0.0742	0.0695	3.29	0.56	3.88	0.64	10.7	0
Δ9-THCA (%DW)	502.99	Other	215	0.052	0.056	0.056	4.22	0.68	3.88	0.64	10.7	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.059	0.0588	0.0633	4.21	0.69	3.88	0.64	10.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0679	0.0638	0.0626	4.29	0.71	3.88	0.64	10.7	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0631	0.0577	0.0576	5.29	0.87	3.88	0.64	10.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.063	0.0511	0.0552	10.7	1.74	3.88	0.64	10.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%DW)												
CBD (%DW)	503.10	Other LC-UV	189	3.2302	3.198	3.2311	0.59	0.17	1.92	0.59	4.07	0
CBD (%DW)	503.01	AOAC 2018.10	210	0.227	0.226	0.223	0.92	0.19	1.92	0.59	4.07	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	3.3993	3.4262	3.3819	0.66	0.2	1.92	0.59	4.07	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	3.2196	3.1688	3.1869	0.81	0.24	1.92	0.59	4.07	0
CBD (%DW)	503.10	Other LC-UV	162	3.3516	3.4019	3.551	3.02	0.91	1.92	0.59	4.07	0
CBD (%DW)	503.99	Other	215	2.6954	2.7777	2.8848	3.41	1	1.92	0.59	4.07	0
CBD (%DW)	503.10	Other LC-UV	116	3.6008	3.4382	3.3208	4.07	1.23	1.92	0.59	4.07	0
CBDA (%DW)												
CBDA (%DW)	504.10	Other LC-UV	162	3.8956	3.8951	3.8793	0.24	0.07	1.66	0.24	3.23	0
CBDA (%DW)	504.10	Other LC-UV	189	3.7548	3.72	3.7492	0.5	0.15	1.66	0.24	3.23	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	4.3227	4.3645	4.3468	0.48	0.15	1.66	0.24	3.23	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.571	3.574	3.455	1.92	0.58	1.66	0.24	3.23	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	4.0368	3.9476	3.833	2.59	0.8	1.66	0.24	3.23	0
CBDA (%DW)	504.10	Other LC-UV	116	4.1024	4.1908	3.9725	2.69	0.83	1.66	0.24	3.23	0
CBDA (%DW)	504.99	Other	215	3.2887	3.3896	3.5079	3.23	0.97	1.66	0.24	3.23	0
CBN (%DW)												
CBN (%DW)	505.10	Other LC-UV	116	<0.0600	<0.0600	<0.0600						1
CBN (%DW)	505.30	GC-FID	116	<0.0600	<0.0600	<0.0600						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%DW)	505.10	Other LC-UV	162	0.0314	0.0314	0.0322	1.46	0.22				0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0278	0.0266	0.0294	5.03	0.74				0
CBN (%DW)	505.10	Other LC-UV	189	0.0274	0.0309	0.027	7.55	1.11				0
CBN (%DW)	505.10	Other LC-UV	192	0.0307	0.0296	0.0207	20.3	2.96				0

Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.1978	0.2222							1
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.2567	0.2583	0.2582	0.35	0.07	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2423	0.242	0.2397	0.59	0.12	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2586	0.2567	0.2597	0.59	0.12	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.22	0.2165	0.2215	1.17	0.23	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.236	0.2329	0.2293	1.44	0.29	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.1964	0.1959	0.2035	2.14	0.42	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2391	0.2335	0.2289	2.18	0.44	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1879	0.1795	0.1811	2.44	0.47	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.2147	0.2012	0.204	3.45	0.68	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	4.472	4.475	4.299	2.28	0.71	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2547	0.2962	0.2881	7.87	1.63	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1518	0.1417	0.113	14.9	2.76	3.12	0.35	15.9	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2515	0.189	0.198	15.9	3.15	3.12	0.35	15.9	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)												
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	7.1904	7.2539	7.194	0.5	0.17	2.55	0.49	5.5	0
Total CBD (%DW)	507.10	Other LC-UV	189	6.5231	6.4603	6.5191	0.54	0.18	2.55	0.49	5.5	0
Total CBD (%DW)	507.10	Other LC-UV	162	6.768	6.8179	6.9531	1.4	0.47	2.55	0.49	5.5	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	6.7599	6.6309	6.5485	1.6	0.53	2.55	0.49	5.5	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	7.493	7.499	7.225	2.11	0.72	2.55	0.49	5.5	0
Total CBD (%DW)	507.10	Other LC-UV	116	7.1986	7.1135	6.8047	2.94	0.99	2.55	0.49	5.5	0
Total CBD (%DW)	507.10	Other LC-UV	215	5.5796	5.7504	5.9612	3.32	1.08	2.55	0.49	5.5	0
Total CBD (%DW)	507.40	GC-FID	116	7.6809	7.4227	7.1665	3.46	1.17	2.55	0.49	5.5	0
Total CBD (%DW)	507.40	GC-FID	138	7.2509	7.7419	7.8899	4.39	1.49	2.55	0.49	5.5	0
Total CBD (%DW)	507.10	Other LC-UV	192	4.8822	4.7515	4.3859	5.5	1.74	2.55	0.49	5.5	0
CBDV (%DW)												
CBDV (%DW)	508.99	Other	189	0.0207	0.0201	0.0198	2.27	0.32				0
CBDV (%DW)	508.99	Other	162	0.0295	0.0255	0.0275	7.27	1.06				0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.038	0.039	0.033	8.77	1.34				0
CBDVA (%DW)												
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.037	0.042	0.037	7.47	1.15				0
CBG (%DW)												
CBG (%DW)	510.99	Other	189	0.1491	0.1483	0.1487	0.27	0.05				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%DW)	510.99	Other	162	0.1657	0.1674	0.1676	0.63	0.12				0
CBG (%DW)	510.01	AOAC 2018.10	210	0.132	0.126	0.138	4.55	0.84				0
CBG (%DW)	510.02	AOAC 2018.11, U	103	0.169	0.1538	0.1621	4.71	0.9				0
CBGA (%DW)												
CBGA (%DW)	511.99	Other	189	0.4513	0.4525	0.4479	0.53	0.12				0
CBGA (%DW)	511.02	AOAC 2018.11, U	103	0.4578	0.4476	0.4467	1.37	0.3				0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.371	0.355	0.36	2.26	0.49				0
CBGA (%DW)	511.99	Other	162	0.5782	0.5338	0.5644	4.07	0.93				0
THCV (%DW)												
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130						1
THCV (%DW)	512.99	Other	189	0.0097	0.0107	0.0101	4.95	0.62				0
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.018	0.017	0.018	3.27	0.45				0
Δ8-THC (%DW)	513.99	Other	189	0.0075	0.008	0.0072	5.34	0.64				0
CBC (%DW)												
CBC (%DW)	514.99	Other	189	0.1944	0.1921	0.1902	1.09	0.21				0
CBC (%DW)	514.99	Other	162	0.1788	0.1613	0.135	13.9	2.65				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	

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