

Hemp Proficiency Testing

All Labs Precision

HM23NOV-1 (hemp)



Sample: HM23NOV-1 (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)	001.30	Other LC-MS	122	0.2338	0.2331	0.2337	0.16	0.03	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1973	0.1974	0.1982	0.25	0.05	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2802	0.278	0.2768	0.62	0.13	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2411	0.245	0.244	0.83	0.17	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2775	0.2754	0.2801	0.85	0.18	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.224	0.225	0.221	0.93	0.19	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.262	0.2642	0.2676	1.07	0.22	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.2515	0.253	0.257	1.12	0.23	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.22	0.224	0.217	1.59	0.32	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.217	0.21	0.213	1.65	0.33	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.242	0.249	0.251	1.91	0.39	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.3	0.29	0.29	1.97	0.41	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.26	0.25	0.25	2.28	0.46	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2521	0.2403	0.2445	2.43	0.49	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.22	0.23	0.23	2.55	0.51	2.75	0.16	9.74	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)	001.99	Other	215	0.2152	0.206	0.205	2.69	0.53	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.2222	0.2121	0.2111	2.85	0.57	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.288	0.277	0.272	2.93	0.61	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.244	0.234	0.249	3.15	0.64	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2272	0.2136	0.2161	3.31	0.66	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2632	0.2466	0.2534	3.28	0.67	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2793	0.2597	0.2663	3.72	0.76	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2392	0.2488	0.2269	4.61	0.93	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2797	0.2556	0.2613	4.74	0.97	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2538	0.2774	0.2779	5.11	1.05	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1411	0.1542	0.1648	7.74	1.46	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.247	0.212	0.216	8.51	1.71	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.2681	0.2674	0.2261	9.47	1.93	2.75	0.16	9.74	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.2385	0.1974	0.2106	9.74	1.94	2.75	0.16	9.74	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0627	<0.048	<0.048						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0528	0.0501	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0754	<0.0732	<0.0743						1
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0639	0.0639	0.0637	0.18	0.03	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0616	0.0621	0.062	0.43	0.07	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0601	0.0607	0.0622	1.77	0.29	6.37	0.18	15.9	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	192	0.0311	0.0321	0.0322	1.91	0.29	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0637	0.0614	0.0622	1.87	0.31	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.057	0.055	0.055	2.07	0.34	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.065	0.065	0.062	2.71	0.45	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.046	0.048	0.05	4.17	0.66	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0537	0.0507	0.055	4.15	0.67	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.065	0.06	0.06	4.68	0.77	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0847	0.0771	0.08	4.76	0.82	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.99	Other	215	0.05	0.0512	0.0461	5.43	0.87	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0439	0.049	0.0455	5.65	0.89	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0684	0.0621	0.0617	5.87	0.97	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.056	0.056	0.062	5.97	0.98	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.06	0.058	0.053	6.33	1.03	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0541	0.0612	0.0596	6.39	1.05	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.07	0.065	0.061	6.9	1.15	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.07	0.061	0.062	7.67	1.27	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0517	0.0432	0.0426	11.1	1.75	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0577	0.046	0.0494	11.8	1.89	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0664	0.0556	0.0538	11.6	1.9	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.04	0.05	0.05	12.4	1.96	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0795	0.0625	0.0665	12.8	2.15	6.37	0.18	15.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0649	0.0664	0.0506	14.4	2.37	6.37	0.18	15.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0634	0.049	0.0669	15.9	2.61	6.37	0.18	15.9	0
CBD (%AR)												
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.5155	4.498	4.5055	0.2	0.06	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	189	4.5237	4.5454	4.5156	0.34	0.11	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	184	4.332	4.425	4.377	1.06	0.33	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	196	4.406	4.378	4.483	1.23	0.39	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	106	4.54	4.66	4.69	1.71	0.54	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	170	4.5938	4.4321	4.5913	2.04	0.64	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	163	4.9653	4.7757	4.8013	2.12	0.67	2.81	0.19	5.69	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.424	4.19	4.32	2.72	0.85	2.81	0.19	5.69	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.91	4.65	4.82	2.75	0.87	2.81	0.19	5.69	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.4773	4.2311	4.3728	2.83	0.89	2.81	0.19	5.69	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.1451	3.8987	3.9918	3.1	0.96	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	197	4.8663	5.111	5.1462	3.02	0.97	2.81	0.19	5.69	0
CBD (%AR)	003.99	Other	215	3.7233	3.8333	3.5963	3.19	0.97	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	144	4.742	4.9311	5.0475	3.14	1	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	192	3.0433	3.2033	3.2977	4.04	1.21	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	142	4.65	4.29	4.41	4.12	1.29	2.81	0.19	5.69	0
CBD (%AR)	003.30	Other LC-MS	164	5.7602	5.2504	5.6608	4.86	1.58	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	155	4.05	3.91	4.35	5.48	1.7	2.81	0.19	5.69	0
CBD (%AR)	003.10	Other LC-UV	116	5.1646	4.6191	4.8082	5.69	1.81	2.81	0.19	5.69	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)												
CBDA (%AR)	004.10	Other LC-UV	189	4.7316	4.7428	4.7121	0.33	0.1	2.92	0.33	10	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	5.3065	5.274	5.337	0.59	0.19	2.92	0.33	10	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	4.981	4.883	4.913	1.02	0.32	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	170	6.0104	6.081	5.9487	1.1	0.36	2.92	0.33	10	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	4.9074	4.7388	4.7908	1.79	0.57	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	116	5.269	5.1652	5.368	1.93	0.62	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	197	4.8915	5.1063	5.0376	2.19	0.7	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	196	4.85	4.631	4.728	2.32	0.73	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	106	5.15	5.39	5.18	2.5	0.8	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	192	3.8332	3.7693	3.9982	3.05	0.94	2.92	0.33	10	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	4.4701	4.287	4.1985	3.21	1	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	184	4.953	5.221	4.926	3.24	1.03	2.92	0.33	10	0
CBDA (%AR)	004.99	Other	215	4.1537	4.3184	4.0438	3.31	1.03	2.92	0.33	10	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	5.45	5.61	5.26	3.22	1.04	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	144	4.9807	5.2126	5.3257	3.4	1.09	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	155	3.96	3.79	4.2	5.17	1.59	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	142	4.96	4.49	4.54	5.54	1.75	2.92	0.33	10	0
CBDA (%AR)	004.30	Other LC-MS	164	7.7327	6.7773	7.3918	6.63	2.24	2.92	0.33	10	0
CBDA (%AR)	004.10	Other LC-UV	163	7.548	6.2973	7.5183	10	3.37	2.92	0.33	10	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)	005.30	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	197	<0.0503	<0.0488	<0.0495						1
CBN (%AR)	005.10	Other LC-UV	144	0.0252	0.0249	0.0257	1.6	0.23	11.1	1.6	25.3	0
CBN (%AR)	005.10	Other LC-UV	196	0.029	0.029	0.03	1.97	0.29	11.1	1.6	25.3	0
CBN (%AR)	005.30	GC-FID	138	0.0376	0.0397	0.0383	2.77	0.43	11.1	1.6	25.3	0
CBN (%AR)	005.10	Other LC-UV	189	0.0315	0.0292	0.0294	4.24	0.63	11.1	1.6	25.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0275	0.0265	0.029	4.55	0.67	11.1	1.6	25.3	0
CBN (%AR)	005.10	Other LC-UV	142	0.026	0.0277	0.0238	7.57	1.1	11.1	1.6	25.3	0
CBN (%AR)	005.30	GC-FID	192	0.0316	0.0269	0.0277	8.75	1.29	11.1	1.6	25.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0249	0.0205	0.0249	10.8	1.55	11.1	1.6	25.3	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0298	0.025	0.0337	14.8	2.18	11.1	1.6	25.3	0
CBN (%AR)	005.10	Other LC-UV	106	0.03	0.04	0.03	17.3	2.61	11.1	1.6	25.3	0
CBN (%AR)	005.10	Other LC-UV	192	0.0369	0.0361	0.0254	19.6	2.94	11.1	1.6	25.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0355	0.0368	0.0225	25	3.73	11.1	1.6	25.3	0
CBN (%AR)	005.30	GC-FID	163	0.059	0.0563	0.0357	25.3	4.05	11.1	1.6	25.3	0
		Total Δ9-THC (%AR)										
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.3081	0.3088							1
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.267	0.2701							1
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.2685	0.2561							1

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									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2865	0.2863	0.2882	0.36	0.08	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.3362	0.3341	0.3326	0.54	0.12	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2951	0.2995	0.2984	0.77	0.16	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2358	0.2403	0.2381	0.94	0.19	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.277	0.281	0.272	1.63	0.34	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.267	0.2582	0.2612	1.71	0.35	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.3006	0.3021	0.3114	1.92	0.4	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.31	0.31	0.3	1.88	0.4	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.3059	0.294	0.3025	2.04	0.43	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3162	0.3081	0.3023	2.26	0.47	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.282	0.292	0.295	2.35	0.49	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.3526	0.3409	0.3365	2.42	0.52	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.2591	0.2508	0.2454	2.74	0.56	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.285	0.27	0.275	2.76	0.57	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.2987	0.2853	0.3	2.76	0.58	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1701	0.1609	0.1613	3.17	0.61	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2902	0.2756	0.2902	2.95	0.61	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.3331	0.3184	0.3388	3.19	0.68	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.309	0.2985	0.2889	3.36	0.7	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.349	0.335	0.325	3.58	0.76	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3232	0.301	0.3076	3.67	0.77	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2911	0.282	0.3065	4.22	0.88	3.71	0.36	10.4	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)	006.02	AOAC 2018.11, U	125	0.314	0.289	0.307	4.25	0.89	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.2392	0.2488	0.2269	4.61	0.93	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.354	0.3232	0.3314	4.74	1.01	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2597	0.29	0.2851	5.85	1.21	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1684	0.1823	0.1931	6.83	1.32	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3164	0.333	0.2903	6.87	1.45	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.3239	0.3212	0.2806	7.86	1.65	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.3304	0.2857	0.29	8.16	1.71	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.292	0.25	0.253	8.84	1.82	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.2891	0.2377	0.2539	10.1	2.07	3.71	0.36	10.4	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.317	0.2642	0.2676	10.4	2.17	3.71	0.36	10.4	0

Total CBD (%AR)												
Total CBD (%AR)	007.10	Other LC-UV	189	8.6734	8.7049	8.6481	0.33	0.11	2.71	0.33	5.79	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	9.1693	9.1233	9.186	0.36	0.12	2.71	0.33	5.79	0
Total CBD (%AR)	007.40	GC-FID	169	9.566	9.6212	9.746	0.96	0.34	2.71	0.33	5.79	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	9.69	9.57	9.43	1.36	0.48	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	196	8.66	8.439	8.63	1.4	0.48	2.71	0.33	5.79	0
Total CBD (%AR)	007.40	GC-FID	138	10.1541	10.3153	10.0216	1.45	0.51	2.71	0.33	5.79	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	8.7923	8.4724	8.6287	1.85	0.64	2.71	0.33	5.79	0
Total CBD (%AR)	007.40	GC-FID	116	10.3799	10.2145	9.9617	2.07	0.73	2.71	0.33	5.79	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	8.7811	8.387	8.5743	2.3	0.79	2.71	0.33	5.79	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)	007.40	GC-FID	163	9.03	8.6817	9.0717	2.4	0.83	2.71	0.33	5.79	0
Total CBD (%AR)	007.40	GC-FID	192	5.8941	5.685	5.6063	2.6	0.85	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	197	9.1561	9.5892	9.5642	2.58	0.9	2.71	0.33	5.79	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	8.0653	7.6584	7.6739	2.96	1.01	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	192	6.4051	6.5089	6.8042	3.15	1.05	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	215	7.3661	7.6206	7.1427	3.24	1.1	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	144	9.1111	9.5036	9.7192	3.26	1.15	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	116	9.7855	9.1489	9.516	3.37	1.18	2.71	0.33	5.79	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.8848	5.6976	6.1633	3.96	1.3	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	142	9	8.23	8.39	4.76	1.64	2.71	0.33	5.79	0
Total CBD (%AR)	007.40	GC-FID	170	8.0361	8.1569	7.4408	4.87	1.66	2.71	0.33	5.79	0
Total CBD (%AR)	007.10	Other LC-UV	155	7.53	7.23	8.03	5.32	1.81	2.71	0.33	5.79	0
Total CBD (%AR)	007.30	Other LC-MS	164	12.5417	11.1941	12.1434	5.79	2.1	2.71	0.33	5.79	0

CBDV (%AR)												
CBDV (%AR)	008.99	Other	197	<0.0503	<0.0488	<0.0495						1
CBDV (%AR)	008.99	Other	196	0.031	0.031	0.032	1.84	0.27				0
CBDV (%AR)	008.99	Other	142	0.0411	0.034	0.0374	9.47	1.45				0
CBDV (%AR)	008.99	Other	106	0.13	0.11	0.12	8.33	1.52				0
CBDV (%AR)	008.99	Other	189	0.0242	0.0292	0.0296	10.9	1.59				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	<0.0503	<0.0488	<0.0495						1
CBDVA (%AR)	009.99	Other	196	0.044	0.042	0.043	2.33	0.36				0
CBDVA (%AR)	009.99	Other	142	0.0526	0.043	0.0439	11.4	1.8				0
		CBG (%AR)										
CBG (%AR)	010.99	Other	189	0.2802	0.281	0.2806	0.14	0.03	3.28	0.14	7.51	0
CBG (%AR)	010.99	Other	197	0.1477	0.1522	0.1505	1.51	0.29	3.28	0.14	7.51	0
CBG (%AR)	010.99	Other	155	0.303	0.306	0.316	2.21	0.46	3.28	0.14	7.51	0
CBG (%AR)	010.99	Other	196	0.184	0.189	0.195	2.91	0.57	3.28	0.14	7.51	0
CBG (%AR)	010.99	Other	106	0.17	0.17	0.18	3.33	0.64	3.28	0.14	7.51	0
CBG (%AR)	010.02	AOAC 2018.11, U	103	0.207	0.192	0.201	3.77	0.74	3.28	0.14	7.51	0
CBG (%AR)	010.99	Other	142	0.193	0.174	0.179	5.41	1.05	3.28	0.14	7.51	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.259	0.228	0.228	7.51	1.52	3.28	0.14	7.51	0
		CBGA (%AR)										
CBGA (%AR)	011.99	Other	189	0.2748	0.2695	0.269	1.19	0.24	3.28	1.19	8.75	0
CBGA (%AR)	011.99	Other	196	0.265	0.257	0.264	1.66	0.34	3.28	1.19	8.75	0
CBGA (%AR)	011.99	Other	197	0.2131	0.2194	0.2119	1.88	0.37	3.28	1.19	8.75	0
CBGA (%AR)	011.02	AOAC 2018.11, U	103	0.258	0.249	0.258	2.04	0.42	3.28	1.19	8.75	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.294	0.292	0.273	4.05	0.84	3.28	1.19	8.75	0
CBGA (%AR)	011.99	Other	106	0.21	0.23	0.23	5.17	1.03	3.28	1.19	8.75	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	0.27	0.231	0.235	8.75	1.78	3.28	1.19	8.75	0
THCV (%AR)												
THCV (%AR)	012.99	Other	197	<0.0503	<0.0488	<0.0495						1
THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)												
Δ8-THC (%AR)	013.99	Other	197	<0.0503	<0.0488	<0.0495						1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300						1
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)	013.99	Other	138	0.0576	0.0592	0.0588	1.42	0.23				0
Δ8-THC (%AR)	013.99	Other	189	0.0126	0.0114	0.011	7.14	0.92				0
CBC (%AR)												
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.308	0.305	0.313	1.31	0.28	4.16	1.31	10.3	0
CBC (%AR)	014.99	Other	196	0.279	0.273	0.282	1.65	0.34	4.16	1.31	10.3	0
CBC (%AR)	014.99	Other	189	0.2925	0.2938	0.2851	1.62	0.34	4.16	1.31	10.3	0
CBC (%AR)	014.99	Other	197	0.2683	0.2654	0.2564	2.36	0.48	4.16	1.31	10.3	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	0.26	0.28	0.27	3.7	0.76	4.16	1.31	10.3	0
CBC (%AR)	014.99	Other	142	0.275	0.237	0.242	8.22	1.67	4.16	1.31	10.3	0
CBC (%AR)	014.99	Other	155	0.306	0.25	0.271	10.3	2.12	4.16	1.31	10.3	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	196	0.108	0.107	0.105	1.43	0.26				0
Cd (ug/g AR)	101.04	ICP-MS	106	0.169	0.175	0.163	3.55	0.68				0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1509	0.1597	0.1665	4.92	0.94				0
Cd (ug/g AR)	101.04	ICP-MS	142	0.158	0.171	0.174	5.07	0.97				0
Cd (ug/g AR)	101.04	ICP-MS	197	0.16	0.1466	0.1662	6.36	1.21				0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	106	<0.0800	0.08	<0.0800						1
As (ug/g AR)	102.04	ICP-MS	197	<0.0992	<0.0988	<0.0975						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	102	0.0513	0.0547	0.0572	5.44	0.88				0
As (ug/g AR)	102.04	ICP-MS	196	0.0714	0.0672	0.064	5.5	0.92				0
As (ug/g AR)	102.04	ICP-MS	142	0.081	0.08	0.064	12.7	2.16				0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						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	196	<0.0072	<0.0072	<0.0072						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0992	<0.0988	<0.0975						1
Hg (ug/g AR)	103.04	ICP-MS	102	0.006	0.0062	0.0068	6.57	0.77				0
Hg (ug/g AR)	103.04	ICP-MS	106	0.008	0.009	0.008	6.93	0.85				0
Hg (ug/g AR)	103.04	ICP-MS	142	0.0073	0.0034	0.002	64.9	7.16				0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	162	0.3501	0.346	0.3603	2.09	0.45	7.97	2.09	17.1	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.321	0.34	0.336	3.01	0.64	7.97	2.09	17.1	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.3433	0.2942	0.3325	7.98	1.69	7.97	2.09	17.1	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.382	0.335	0.397	8.71	1.88	7.97	2.09	17.1	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.3711	0.3686	0.3153	8.96	1.92	7.97	2.09	17.1	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.32	0.444	0.356	17.1	3.69	7.97	2.09	17.1	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	9.55	8.9	9.57	4.08	1.43				0
Cu (ug/g AR)	105.04	ICP-MS	142	15.3	17.3	16.7	6.25	2.38				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	1.15	1.12	1.07	3.63	0.92				0
Ni (ug/g AR)	106.04	ICP-MS	142	1.4	1.45	1.29	5.93	1.56				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	1.04	0.969	0.976	3.93	0.98				0
Cr (ug/g AR)	107.04	ICP-MS	142	0.684	0.817	0.66	11.7	2.8				0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	197	0.1149	0.1148	0.1202	2.65	0.48				0
Se (ug/g AR)	108.04	ICP-MS	196	0.133	0.128	0.137	3.4	0.63				0
Se (ug/g AR)	108.04	ICP-MS	142	0.085	0.062	0.075	15.6	2.64				0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	0.022	0.0215	0.0184	9.45	1.32				0
Ba (ug/g AR)												
Ba (ug/g AR)	110.04	ICP-MS	142	0.224	0.193	0.187	9.86	1.94				0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	196	50.2	47	47.9	3.41	1.53				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	0.121	0.117	0.13	5.43	0.99				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0404	0.0297	0.0294	18.9	2.84				0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	196	<0.1235	<0.1235	<0.1235						1
beta-Caryophyllene (%)	202.01	GC,FID	142	0.091	0.0794	0.0963	9.72	1.69				0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0763	0.0641	0.0587	13.6	2.27				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	0.0277	0.0267	0.0298	5.64	0.83				0
Geraniol (%AR)												
Geraniol (%AR)	204.01	GC,FID	142	<0.0005	<0.0005	<0.0005						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
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	<0.1235	<0.1235	<0.1235						1
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0506	0.0458	0.0545	8.66	1.39				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)	205.02	GC,MS	162	0.0303	0.0241	0.0222	16.6	2.4				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
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
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	196	0.0018	0.0016	0.0019	8.65	0.84				0
Linalool (%AR)	207.01	GC,FID	142	0.0018	0.0018	0.0022	11.9	1.17				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	0.0023	0.002	0.002	8.25	0.82				0
beta-Myrcene (%AR)	208.01	GC,FID	142	0.0026	0.0016	0.0021	23.8	2.37				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	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	162	<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)	211.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
(-)-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	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)	213.01	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	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
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
		Moisture (%AR)										
Moisture (%AR)	500.70	Commerc. Anal.	189	5.369	5.369	5.369	0	0	3.82	0	13.2	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.52	5.56	5.56	0.42	0.13	3.82	0	13.2	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.8762	9.7577	9.9145	0.83	0.29	3.82	0	13.2	0
Moisture (%AR)	500.99	Other	103	6.82	6.75	6.7	0.89	0.3	3.82	0	13.2	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.82	6.87	7.01	1.43	0.48	3.82	0	13.2	0
Moisture (%AR)	500.72	NIR	138	6.7	6.65	6.85	1.55	0.52	3.82	0	13.2	0
Moisture (%AR)	500.99	Other	165	7.979	8.295	8.035	2.08	0.71	3.82	0	13.2	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.6971	10.257	10.8666	2.97	1.06	3.82	0	13.2	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.03	3.27	3.12	3.86	1.15	3.82	0	13.2	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.33	8.265	8.92	4.24	1.47	3.82	0	13.2	0
Moisture (%AR)	500.99	Other	142	4.8	4.4	4.4	5.09	1.6	3.82	0	13.2	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.45	7.12	6.76	4.95	1.65	3.82	0	13.2	0
Moisture (%AR)	500.99	Other	215	7.14	6.55	7.66	7.8	2.62	3.82	0	13.2	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.82	10.1	8.98	7.5	2.63	3.82	0	13.2	0
Moisture (%AR)	500.99	Other	102	9.3	8	8.1	8.54	2.95	3.82	0	13.2	0
Moisture (%AR)	500.70	Commerc. Anal.	162	11.43	8.91	9.52	13.2	4.67	3.82	0	13.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%DW)												
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2961	0.2938	0.2925	0.62	0.13	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.29	0.287	0.291	0.72	0.15	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.267	0.264	0.262	0.95	0.2	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2816	0.2819	0.2883	1.33	0.28	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.2329	0.2252	0.2283	1.69	0.34	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.2971	0.3081	0.301	1.85	0.39	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.274	0.262	0.2658	2.29	0.47	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.99	Other	215	0.2318	0.2204	0.222	2.75	0.55	1.72	0.62	3.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2787	0.261	0.2683	3.3	0.68	1.72	0.62	3.3	0
Δ9-THCA (%DW)												
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.07	<0.048	<0.048						1
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0675	0.0675	0.0673	0.17	0.03	4.46	0.17	14.5	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0612	0.059	0.0589	2.18	0.36	4.46	0.17	14.5	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0569	0.0542	0.0581	3.54	0.58	4.46	0.17	14.5	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.063	0.063	0.059	3.74	0.62	4.46	0.17	14.5	0
Δ9-THCA (%DW)	502.99	Other	215	0.0538	0.0547	0.0499	4.83	0.78	4.46	0.17	14.5	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0724	0.0657	0.0654	5.83	0.98	4.46	0.17	14.5	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0627	0.0624	0.0696	6.28	1.04	4.46	0.17	14.5	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0705	0.0724	0.055	14.5	2.41	4.46	0.17	14.5	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	4.7804	4.8033	4.7718	0.34	0.11	2.59	0.34	5.7	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.0564	5.0121	5.0548	0.5	0.16	2.59	0.34	5.7	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.24	5.127	5.24	1.25	0.4	2.59	0.34	5.7	0
CBD (%DW)	503.99	Other	215	4.0096	4.102	3.8946	2.6	0.8	2.59	0.34	5.7	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	4.7478	4.4933	4.6302	2.75	0.87	2.59	0.34	5.7	0
CBD (%DW)	503.10	Other LC-UV	162	4.8647	5.0689	5.3714	5	1.6	2.59	0.34	5.7	0
CBD (%DW)	503.10	Other LC-UV	116	5.4681	4.8905	5.0907	5.7	1.82	2.59	0.34	5.7	0
CBDA (%DW)												
CBDA (%DW)	504.10	Other LC-UV	189	5.0001	5.0119	4.9794	0.33	0.11	1.84	0.33	5.01	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	5.9421	5.8768	5.9877	0.94	0.31	1.84	0.33	5.01	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	5.3456	5.2365	5.2658	1.07	0.34	1.84	0.33	5.01	0
CBDA (%DW)	504.10	Other LC-UV	116	5.5786	5.4687	5.6835	1.93	0.62	1.84	0.33	5.01	0
CBDA (%DW)	504.01	AOAC 2018.10	210	6.175	6.229	5.993	2.02	0.66	1.84	0.33	5.01	0
CBDA (%DW)	504.99	Other	215	4.4731	4.6211	4.3792	2.72	0.85	1.84	0.33	5.01	0
CBDA (%DW)	504.10	Other LC-UV	162	5.2394	5.2314	5.7032	5.01	1.62	1.84	0.33	5.01	0
CBN (%DW)												
CBN (%DW)	505.30	GC-FID	116	<0.0600	<0.0600	<0.0600						1
CBN (%DW)	505.10	Other LC-UV	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	189	0.0333	0.0309	0.0311	4.19	0.63				0
CBN (%DW)	505.10	Other LC-UV	162	0.0393	0.036	0.0368	4.61	0.71				0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0308	0.0295	0.0325	4.86	0.72				0
CBN (%DW)	505.10	Other LC-UV	192	0.041	0.04	0.0281	19.7	3.01				0

Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.3185	0.3188							1
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.3553	0.3531	0.3515	0.54	0.12	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2572	0.262	0.2614	1.01	0.21	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.347	0.3556	0.352	1.23	0.26	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.322	0.319	0.314	1.27	0.27	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.2865	0.2769	0.28	1.74	0.36	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.3112	0.3002	0.3111	2.06	0.43	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.3366	0.3366	0.3493	2.15	0.46	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.3347	0.3262	0.3201	2.24	0.48	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.279	0.2684	0.2657	2.59	0.53	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.3358	0.3255	0.3141	3.34	0.71	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3422	0.3187	0.3256	3.67	0.78	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1868	0.2021	0.2143	6.85	1.35	2.4	0.54	11.6	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.3514	0.287	0.291	11.6	2.45	2.4	0.54	11.6	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)	507.10	Other LC-UV	189	9.1655	9.1988	9.1388	0.33	0.11	2.07	0.33	4.89	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	10.2676	10.166	10.306	0.71	0.25	2.07	0.33	4.89	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	10.655	10.59	10.496	0.76	0.27	2.07	0.33	4.89	0
Total CBD (%DW)	507.40	GC-FID	138	10.8872	11.06	10.7451	1.45	0.52	2.07	0.33	4.89	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	9.4359	9.0857	9.2483	1.89	0.66	2.07	0.33	4.89	0
Total CBD (%DW)	507.40	GC-FID	116	10.9898	10.8147	10.5471	2.07	0.74	2.07	0.33	4.89	0
Total CBD (%DW)	507.10	Other LC-UV	215	7.9325	8.1547	7.7352	2.64	0.9	2.07	0.33	4.89	0
Total CBD (%DW)	507.10	Other LC-UV	192	7.107	7.2127	7.553	3.2	1.08	2.07	0.33	4.89	0
Total CBD (%DW)	507.10	Other LC-UV	116	10.3605	9.6865	10.0751	3.37	1.19	2.07	0.33	4.89	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.4596	9.6569	10.3731	4.89	1.73	2.07	0.33	4.89	0
		CBDV (%DW)										
CBDV (%DW)	508.99	Other	162	0.0362	0.0384	0.039	3.89	0.6				0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.048	0.05	0.046	4.17	0.66				0
CBDV (%DW)	508.99	Other	189	0.0256	0.0309	0.0313	10.9	1.6				0
		CBDVA (%DW)										
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.057	0.055	0.054	2.76	0.45				0
		CBG (%DW)										
CBG (%DW)	510.99	Other	189	0.2961	0.2969	0.2965	0.14	0.03				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	0.2279	0.2193	0.2276	2.17	0.43				0
CBG (%DW)	510.02	AOAC 2018.11, U	103	0.2222	0.2059	0.2154	3.82	0.76				0
CBG (%DW)	510.01	AOAC 2018.10	210	0.194	0.173	0.181	5.8	1.13				0
CBGA (%DW)												
CBGA (%DW)	511.99	Other	162	0.3259	0.3316	0.3298	0.88	0.19				0
CBGA (%DW)	511.99	Other	189	0.2904	0.2848	0.2843	1.18	0.25				0
CBGA (%DW)	511.02	AOAC 2018.11, U	103	0.2769	0.267	0.2765	2.05	0.42				0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.213	0.221	0.206	3.52	0.7				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	<0.0050	<0.0050	<0.0050						1
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	189	0.0133	0.012	0.0116	7.23	0.94				0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.015	0.015	0.017	7.37	0.99				0
CBC (%DW)												
CBC (%DW)	514.99	Other	189	0.3091	0.3105	0.3013	1.61	0.34				0
CBC (%DW)	514.99	Other	162	0.2937	0.3008	0.3171	3.95	0.83				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