

Hemp Proficiency Testing

All Labs Precision

HM25SEP-1 (Hemp)



Sample: HM25SEP-1 (Hemp)

All Labs Precision

Issue Date: December 3, 2025

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	0.2102	0.2101	0.2104	0.07	0.01	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.2132	0.2126	0.2108	0.59	0.12	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.1988	0.1971	0.1963	0.65	0.13	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2286	0.2287	0.2312	0.64	0.13	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.2099	0.2136	0.2117	0.87	0.17	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2209	0.2171	0.2182	0.89	0.18	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.2342	0.2343	0.2378	0.87	0.18	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2376	0.2355	0.2321	1.18	0.24	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2362	0.2366	0.2412	1.17	0.24	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.24	0.245	0.245	1.19	0.24	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2002	0.1948	0.1991	1.44	0.28	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2084	0.2131	0.2077	1.4	0.28	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.239	0.232	0.2375	1.56	0.31	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.212	0.213	0.219	1.76	0.35	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	164	0.2149	0.2063	0.2108	2.04	0.41	2.85	0.07	11.8	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)	001.30	Other LC-MS	190	0.2151	0.214	0.2244	2.62	0.52	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.208	0.208	0.219	3	0.6	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1753	0.1883	0.1824	3.58	0.69	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2457	0.2607	0.2449	3.55	0.72	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.21	0.204	0.195	3.72	0.73	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2539	0.2356	0.2443	3.74	0.76	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	154	0.1793	0.1922	0.18	3.95	0.77	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2134	0.2258	0.2318	4.2	0.84	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.202	0.195	0.184	4.69	0.92	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1831	0.1697	0.1862	4.88	0.95	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.1	0.11	0.112	5.99	1.07	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2677	0.2949	0.2597	6.73	1.39	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2083	0.2353	0.2372	7.12	1.43	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.207	0.228	0.192	8.65	1.71	2.85	0.07	11.8	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1304	0.1153	0.1031	11.8	2.13	2.85	0.07	11.8	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0490	<0.0490	<0.0490						1
Δ9-THCA (%AR)	002.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210						1
Δ9-THCA (%AR)	002.30	Other LC-MS	122	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	170	<0.0300	<0.0300	<0.0300						1

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	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	213	<0.1000	<0.1000	<0.1000						1
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0215	0.0215	0.0215	0	0	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.034	0.034	0.034	0	0	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	164	0.0286	0.0281	0.028	1.14	0.17	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.032	0.0322	0.0328	1.29	0.19	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0343	0.0343	0.0335	1.36	0.2	5.33	0	28.8	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.1061	0.1019	0.1033	2.06	0.37	5.33	0	28.8	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0339	0.0323	0.0318	3.36	0.5	5.33	0	28.8	0
Δ9-THCA (%AR)	002.30	Other LC-MS	190	0.0315	0.0304	0.0327	3.65	0.54	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.055	0.0536	0.0514	3.4	0.55	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0344	0.0339	0.0319	3.96	0.6	5.33	0	28.8	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0289	0.0266	0.0271	4.39	0.64	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0478	0.0512	0.0515	4.1	0.66	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	173	0.022	0.022	0.02	5.41	0.76	5.33	0	28.8	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0282	0.0297	0.0266	5.5	0.81	5.33	0	28.8	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.034	0.037	0.039	6.86	1.05	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0312	0.0315	0.0274	7.61	1.13	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0284	0.0289	0.0248	8.17	1.19	5.33	0	28.8	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0237	0.0261	0.0287	9.56	1.39	5.33	0	28.8	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.037	0.032	0.031	9.64	1.45	5.33	0	28.8	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	0.0689	0.0545	0.0554	13.5	2.22	5.33	0	28.8	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.027	0.0413	0.0422	23.2	3.54	5.33	0	28.8	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0248	0.0244	0.0393	28.8	4.25	5.33	0	28.8	0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	122	5.9032	5.9024	5.9036	0.01	0	2.29	0.01	11.9	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	5.9885	5.963	5.9755	0.21	0.07	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	189	5.5063	5.497	5.5195	0.2	0.07	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	184	5.84	5.865	5.842	0.24	0.08	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	163	6.5858	6.5183	6.5167	0.6	0.2	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	116	6.1205	6.1692	6.0948	0.62	0.2	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	142	5.8606	5.8708	5.7767	0.88	0.29	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	106	6.3172	6.251	6.3807	1.03	0.34	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	183	6.102	6.258	6.204	1.28	0.42	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	164	5.9642	5.8096	5.8991	1.32	0.43	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	204	6.2683	6.1698	6.352	1.46	0.48	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	144	6.5607	6.4754	6.369	1.48	0.49	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	173	5.215	5.324	5.375	1.54	0.5	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	213	5.003	4.766	4.8415	2.49	0.79	2.29	0.01	11.9	0
CBD (%AR)	003.01	AOAC 2018.10	152	5.014	5.2604	5.3348	3.23	1.04	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	149	5.655	5.548	5.264	3.68	1.19	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	154	4.5813	4.9473	4.8561	3.97	1.26	2.29	0.01	11.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.10	Other LC-UV	170	5.2602	5.6633	5.7169	4.5	1.46	2.29	0.01	11.9	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.867	4.4323	4.7324	4.76	1.5	2.29	0.01	11.9	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.625	5.3222	5.0248	7.01	2.24	2.29	0.01	11.9	0
CBD (%AR)	003.30	Other LC-MS	149	5.798	5.085	5.838	7.6	2.46	2.29	0.01	11.9	0
CBD (%AR)	003.10	Other LC-UV	192	4.936	4.0804	4.0065	11.9	3.72	2.29	0.01	11.9	0

CBDA (%AR)

CBDA (%AR)	004.30	Other LC-MS	122	2.9239	2.9235	2.9237	0.01	0	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	189	2.5932	2.5885	2.5984	0.19	0.06	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	183	2.983	3.003	2.991	0.34	0.1	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	164	2.6193	2.5903	2.6017	0.56	0.16	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	163	3.0288	3.0397	2.9846	0.97	0.29	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	142	2.526	2.4682	2.4777	1.24	0.36	2.61	0.01	9.23	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	2.8355	2.849	2.9045	1.28	0.37	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	106	2.9705	2.9663	2.9025	1.29	0.38	2.61	0.01	9.23	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	2.584	2.6311	2.6817	1.86	0.54	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	184	2.855	2.778	2.744	2.04	0.6	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	204	3.0955	3.048	3.173	2.03	0.6	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	144	3.0811	2.9902	2.9421	2.35	0.69	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	173	2.059	1.979	1.949	2.85	0.79	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	116	2.7338	2.7089	2.591	2.85	0.83	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	154	1.6786	1.7656	1.7849	3.25	0.88	2.61	0.01	9.23	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	149	2.662	2.676	2.522	3.25	0.94	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	170	3.6346	3.4834	3.7266	3.4	1.03	2.61	0.01	9.23	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.209	2.398	2.3246	4.12	1.17	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	213	2.197	2.045	1.912	6.95	1.94	2.61	0.01	9.23	0
CBDA (%AR)	004.10	Other LC-UV	192	2.0586	1.9473	1.7563	7.96	2.2	2.61	0.01	9.23	0
CBDA (%AR)	004.30	Other LC-MS	149	3.051	2.678	2.619	8.42	2.46	2.61	0.01	9.23	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	2.9316	2.49	2.9398	9.23	2.7	2.61	0.01	9.23	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	149	0.055	0.055	0.055	0	0	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	189	0.0607	0.0607	0.0609	0.19	0.03	5.62	0	24.3	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0569	0.0569	0.0572	0.3	0.05	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	144	0.0567	0.0569	0.0562	0.64	0.1	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	204	0.0634	0.0632	0.0648	1.37	0.23	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	142	0.0533	0.0542	0.055	1.57	0.25	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	183	0.063	0.065	0.064	1.56	0.26	5.62	0	24.3	0
CBN (%AR)	005.30	GC-FID	163	0.0808	0.0772	0.0786	2.3	0.39	5.62	0	24.3	0
CBN (%AR)	005.20	Other LC-MS	190	0.0597	0.0596	0.0624	2.62	0.43	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	154	0.0615	0.0667	0.0615	4.75	0.79	5.62	0	24.3	0
CBN (%AR)	005.30	GC-FID	116	0.0675	0.0606	0.0617	5.86	0.97	5.62	0	24.3	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0695	0.0625	0.063	6.01	1	5.62	0	24.3	0
CBN (%AR)	005.30	GC-FID	138	0.0802	0.0857	0.0762	5.91	1.02	5.62	0	24.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.10	Other LC-UV	213	0.049	0.047	0.042	7.84	1.24	5.62	0	24.3	0
CBN (%AR)	005.30	GC-FID	192	0.0637	0.0674	0.074	7.63	1.28	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	106	0.0585	0.066	0.0693	8.57	1.42	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	173	0.07	0.054	0.062	12.9	2.13	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	116	0.0781	0.0769	0.0582	15.7	2.65	5.62	0	24.3	0
CBN (%AR)	005.20	Other LC-MS	149	0.071	0.054	0.054	16.4	2.7	5.62	0	24.3	0
CBN (%AR)	005.10	Other LC-UV	192	0.0654	0.0398	0.0585	24.3	3.93	5.62	0	24.3	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.2591	0.2596	0.2595	0.1	0.02	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2663	0.2663	0.2692	0.63	0.13	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.2288	0.2324	0.2305	0.78	0.16	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.27	0.274	0.275	0.97	0.2	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2235	0.2232	0.2196	0.98	0.2	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2706	0.2735	0.2764	1.06	0.22	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2385	0.2432	0.2371	1.33	0.27	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2629	0.2588	0.2559	1.36	0.28	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2609	0.2539	0.2594	1.43	0.29	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.221	0.2177	0.2243	1.49	0.3	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.229	0.23	0.236	1.63	0.33	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.245	0.2457	0.2532	1.83	0.37	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	164	0.24	0.2309	0.2354	1.93	0.39	3.21	0.1	14.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2371	0.2357	0.2449	2.07	0.42	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.227	0.227	0.236	2.26	0.45	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.50	GC-MS	170	0.2268	0.238	0.2326	2.41	0.49	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2617	0.2492	0.2538	2.48	0.51	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.316	0.311	0.2995	2.74	0.58	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.232	0.228	0.218	3.19	0.64	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.21	0.204	0.195	3.72	0.73	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2837	0.2639	0.2721	3.64	0.75	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	154	0.1793	0.1922	0.18	3.95	0.77	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2218	0.2387	0.2385	4.16	0.84	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.3607	0.3781	0.3491	4.03	0.87	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3306	0.3077	0.3077	4.19	0.88	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2319	0.216	0.2463	6.55	1.32	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2371	0.262	0.2688	6.52	1.33	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2049	0.1911	0.2207	7.21	1.42	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.239	0.256	0.219	7.78	1.57	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.50	GC-MS	231	0.346	0.3606	0.398	7.28	1.57	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1908	0.1631	0.1517	11.9	2.29	3.21	0.1	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2168	0.2869	0.2715	14.3	2.92	3.21	0.1	14.3	0

Total CBD (%AR)

Total CBD (%AR)	007.30	Other LC-MS	122	8.4675	8.4663	8.4677	0.01	0	2.56	0.01	10.5	0
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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	
Total CBD (%AR)	007.10	Other LC-UV	189	7.7806	7.7671	7.7983	0.2	0.07	2.56	0.01	10.5	0
Total CBD (%AR)	007.40	GC-FID	163	9.2222	9.1857	9.183	0.24	0.08	2.56	0.01	10.5	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.4752	8.4616	8.5227	0.38	0.13	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	173	7.02	7.059	7.084	0.46	0.15	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	142	8.0759	8.0355	7.9496	0.8	0.28	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	183	8.718	8.891	8.827	0.99	0.34	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	164	8.2513	8.0813	8.1808	1.05	0.36	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	116	8.5181	8.5447	8.3671	1.13	0.39	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	204	8.9831	8.8429	9.1347	1.62	0.57	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	144	9.2634	9.0984	8.9498	1.72	0.6	2.56	0.01	10.5	0
Total CBD (%AR)	007.40	GC-FID	138	9.3073	9.706	9.45	2.13	0.75	2.56	0.01	10.5	0
Total CBD (%AR)	007.50	GC-MS	170	9.0325	9.2097	9.4941	2.52	0.88	2.56	0.01	10.5	0
Total CBD (%AR)	007.40	GC-FID	192	9.0208	8.6023	8.9589	2.55	0.89	2.56	0.01	10.5	0
Total CBD (%AR)	007.40	GC-FID	170	8.7756	8.3947	8.3784	2.64	0.91	2.56	0.01	10.5	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	7.2801	7.5679	7.6867	2.78	0.94	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.99	7.895	7.477	3.5	1.19	2.56	0.01	10.5	0
Total CBD (%AR)	007.10	Other LC-UV	154	6.0534	6.4957	6.4214	3.75	1.24	2.56	0.01	10.5	0
Total CBD (%AR)	007.40	GC-FID	169	8.378	9.064	8.95	4.18	1.45	2.56	0.01	10.5	0
Total CBD (%AR)	007.40	GC-FID	116	8.7425	8.002	8.6036	4.66	1.61	2.56	0.01	10.5	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	6.5623	7.4252	7.0635	6.18	2.07	2.56	0.01	10.5	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	7.438	6.616	7.3106	6.21	2.09	2.56	0.01	10.5	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.474	7.433	8.135	6.63	2.27	2.56	0.01	10.5	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	192	6.7414	5.7882	5.5468	10.5	3.44	2.56	0.01	10.5	0
CBDV (%AR)												
CBDV (%AR)	008.99	Other	189	0.0365	0.0365	0.0366	0.16	0.02	4.36	0.16	11.4	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.051	0.052	0.052	1.12	0.18	4.36	0.16	11.4	0
CBDV (%AR)	008.99	Other	142	0.0558	0.0548	0.053	2.6	0.42	4.36	0.16	11.4	0
CBDV (%AR)	008.99	Other	106	0.0477	0.0498	0.0461	3.88	0.62	4.36	0.16	11.4	0
CBDV (%AR)	008.99	Other	154	0.0491	0.0543	0.0498	5.53	0.89	4.36	0.16	11.4	0
CBDV (%AR)	008.99	Other	173	0.107	0.097	0.111	6.87	1.23	4.36	0.16	11.4	0
CBDV (%AR)	008.99	Other	149	0.054	0.05	0.043	11.4	1.81	4.36	0.16	11.4	0
CBDVA (%AR)												
CBDVA (%AR)	009.99	Other	154	<0.0150	<0.0150	<0.0150						1
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.06	0.061	0.06	0.96	0.16				0
CBDVA (%AR)	009.99	Other	142	0.0294	0.0308	0.0298	2.4	0.36				0
CBDVA (%AR)	009.01	AOAC 2018.10	149	0.032	0.034	0.032	3.53	0.53				0
CBDVA (%AR)	009.99	Other	173	0.039	0.028	0.038	17.4	2.63				0
CBDVA (%AR)	009.99	Other	149	0.041	0.026	0.031	23.4	3.51				0
CBG (%AR)												
CBG (%AR)	010.99	Other	189	0.2047	0.2069	0.2072	0.66	0.13	2.3	0.66	8.22	0
CBG (%AR)	010.99	Other	204	0.1946	0.1937	0.1969	0.85	0.17	2.3	0.66	8.22	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.01	AOAC 2018.10	149	0.146	0.144	0.142	1.39	0.26	2.3	0.66	8.22	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.187	0.193	0.192	1.69	0.33	2.3	0.66	8.22	0
CBG (%AR)	010.99	Other	142	0.1521	0.1574	0.1535	1.78	0.34	2.3	0.66	8.22	0
CBG (%AR)	010.99	Other	106	0.1751	0.1657	0.1652	3.31	0.63	2.3	0.66	8.22	0
CBG (%AR)	010.99	Other	173	0.171	0.159	0.162	3.81	0.73	2.3	0.66	8.22	0
CBG (%AR)	010.99	Other	149	0.171	0.159	0.145	8.22	1.56	2.3	0.66	8.22	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	142	0.1204	0.1197	0.1202	0.3	0.05	2.28	0.3	13.8	0
CBGA (%AR)	011.99	Other	189	0.1471	0.1485	0.1481	0.49	0.09	2.28	0.3	13.8	0
CBGA (%AR)	011.01	AOAC 2018.10	149	0.137	0.139	0.136	1.11	0.21	2.28	0.3	13.8	0
CBGA (%AR)	011.99	Other	204	0.1675	0.1635	0.1672	1.34	0.26	2.28	0.3	13.8	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.167	0.171	0.171	1.36	0.26	2.28	0.3	13.8	0
CBGA (%AR)	011.99	Other	154	0.0821	0.0858	0.0841	2.2	0.38	2.28	0.3	13.8	0
CBGA (%AR)	011.99	Other	106	0.1316	0.1296	0.126	2.2	0.41	2.28	0.3	13.8	0
CBGA (%AR)	011.99	Other	173	0.121	0.109	0.11	5.87	1.06	2.28	0.3	13.8	0
CBGA (%AR)	011.99	Other	149	0.16	0.124	0.131	13.8	2.57	2.28	0.3	13.8	0

THCV (%AR)

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	149	<0.0250	<0.0250	<0.0250						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
THCV (%AR)	012.99	Other	189	0.043	0.0441	0.0456	2.95	0.46				0
THCV (%AR)	012.02	AOAC 2018.11, U	183	0.009	0.009	0.01	6.19	0.77				0
THCV (%AR)	012.99	Other	173	0.095	0.064	0.064	24.1	4.09				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300						1
Δ8-THC (%AR)	013.01	AOAC 2018.10	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	183	<0.0010	<0.0010	<0.0010						1
Δ8-THC (%AR)	013.99	Other	173	0	0	0						1
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	138	0.0647	0.0706	0.071	5.13	0.86				0
Δ8-THC (%AR)	013.99	Other	213	0.158	0.149	0.144	4.72	0.89				0
Δ8-THC (%AR)	013.99	Other	192	0.0615	0.056	0.0638	6.63	1.09				0
Δ8-THC (%AR)	013.99	Other	189	0.0131	0.012	0.0149	11	1.44				0

CBC (%AR)

CBC (%AR)	014.99	Other	189	0.2698	0.2725	0.2735	0.7	0.15	1.97	0.7	4.38	0
CBC (%AR)	014.99	Other	173	0.202	0.199	0.2	0.76	0.15	1.97	0.7	4.38	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.281	0.285	0.285	0.81	0.17	1.97	0.7	4.38	0
CBC (%AR)	014.99	Other	106	0.2476	0.2455	0.2421	1.13	0.23	1.97	0.7	4.38	0
CBC (%AR)	014.99	Other	142	0.2232	0.2294	0.2259	1.37	0.28	1.97	0.7	4.38	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	204	0.2545	0.2492	0.2585	1.84	0.37	1.97	0.7	4.38	0
CBC (%AR)	014.01	AOAC 2018.10	149	0.227	0.23	0.219	2.52	0.51	1.97	0.7	4.38	0
CBC (%AR)	014.99	Other	154	0.1796	0.1951	0.1864	4.15	0.81	1.97	0.7	4.38	0
CBC (%AR)	014.99	Other	149	0.243	0.243	0.225	4.38	0.89	1.97	0.7	4.38	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	0.2084						1
Cd (ug/g AR)	101.04	ICP-MS	102	0.1943	0.1904	0.1967	1.64	0.32	5.03	1.64	16.9	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.164	0.173	0.167	2.73	0.52	5.03	1.64	16.9	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1774	0.1934	0.1844	4.33	0.84	5.03	1.64	16.9	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.191	0.206	0.187	5.15	1.01	5.03	1.64	16.9	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.1972	0.1847	0.1741	6.24	1.21	5.03	1.64	16.9	0
Cd (ug/g AR)	101.03	ICP-OES	192	0.13	0.14	0.1	16.9	3.09	5.03	1.64	16.9	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	141	<0.0600	0.069	<0.0600						1
As (ug/g AR)	102.04	ICP-MS	106	<0.0830	<0.0830	<0.0830						1
As (ug/g AR)	102.03	ICP-OES	192	<0.8000	<0.8000	<0.8000						1
As (ug/g AR)	102.04	ICP-MS	183	0.085	0.084	0.087	1.79	0.31				0
As (ug/g AR)	102.04	ICP-MS	102	0.0639	0.0607	0.0642	3.08	0.51				0
As (ug/g AR)	102.04	ICP-MS	142	0.0525	0.048	0.0564	8.04	1.29				0

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)												
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0600	<0.0600	<0.0600						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	183	<0.0120	<0.0120	<0.0120						1
Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080						1
Hg (ug/g AR)	103.03	ICP-OES	192	0	0	0						1
Hg (ug/g AR)	103.99	Other	102	0.0082	0.0083	0.0083	0.7	0.09				0
Hg (ug/g AR)	103.04	ICP-MS	142	0.0099	0.0085	0.0077	12.8	1.57				0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	106	0.2341	0.2436	0.2473	2.82	0.57	10.4	2.82	25	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.2049	0.2064	0.22	3.95	0.78	10.4	2.82	25	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.216	0.232	0.236	4.64	0.93	10.4	2.82	25	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.2302	0.209	0.2072	5.94	1.18	10.4	2.82	25	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.2642	0.2477	0.3083	11.5	2.36	10.4	2.82	25	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.267	0.333	0.229	19	3.93	10.4	2.82	25	0
Pb (ug/g AR)	104.03	ICP-OES	192	0.54	0.52	0.33	25	5.59	10.4	2.82	25	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	142	16.7181	17.4433	16.9236	2.2	0.84				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	142	1.3586	1.2992	1.3809	3.14	0.82				0
Ni (ug/g AR)	106.04	ICP-MS	141	1.71	1.81	1.69	3.7	1.01				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	142	0.3875	0.3731	0.5055	17.2	3.79				0
Cr (ug/g AR)	107.04	ICP-MS	141	0.608	0.809	0.525	22.6	5.3				0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	141	<1.2000	<1.2000	<1.2000						1
Se (ug/g AR)	108.04	ICP-MS	142	0.1283	0.1261	0.1534	11.2	2.07				0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	0.0365	0.0372	0.0307	10.3	1.55				0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	142	61.1309	61.7841	60.8922	0.75	0.35				0
Zn (ug/g AR)	111.04	ICP-MS	141	58.6	65.3	60.2	5.7	2.65				0
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.118	0.122	0.117	2.22	0.4				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0307	0.03	0.0317	2.77	0.41				0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	1180	1250	1260	3.54	2.58				0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	183	0.054	0.056	0.055	1.82	0.29				0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0421	0.0424	0.0436	1.86	0.29				0
beta-Caryophyllene (%)	202.01	GC,FID	142	612	639	641	2.57	1.69				0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.017	0.018	0.018	3.27	0.45				0
(-)-Caryophyllene oxide	203.01	GC,FID	142	182	192	191	2.92	1.61				0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	183	0.023	0.024	0.024	2.44	0.35				0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.02	0.0202	0.0212	3.14	0.44				0
alpha-Humulene (%AR)	205.01	GC,FID	142	293	308	310	3.06	1.81				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
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	183	<0.0020	<0.0020	<0.0020						1
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
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	183	<0.0020	<0.0020	<0.0020						1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			(-)-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	183	<0.0020	<0.0020	<0.0020						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	183	<0.0020	<0.0020	<0.0020						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	183	<0.0020	<0.0020	<0.0020						1
			alpha-Terpinolene (%AR)									
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	183	<0.0020	<0.0020	<0.0020						1
			Moisture (%AR)									
Moisture (%AR)	500.70	Commerc. Anal.	189	5.511	5.511	5.511	0	0	3.35	0	11.7	0
Moisture (%AR)	500.99	Other	142	6.06	6.03	6	0.5	0.16	3.35	0	11.7	0
Moisture (%AR)	500.99	Other	103	6.51	6.44	6.51	0.62	0.21	3.35	0	11.7	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.11	6.04	6.16	0.99	0.32	3.35	0	11.7	0
Moisture (%AR)	500.99	Other	165	7.6685	7.4816	7.4507	1.56	0.53	3.35	0	11.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.50	AOAC 930.15	199	9.4365	9.8548	9.6422	2.17	0.76	3.35	0	11.7	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.03	6.7	6.99	2.61	0.87	3.35	0	11.7	0
Moisture (%AR)	500.99	Other	102	6.6	6.3	6.6	2.66	0.88	3.35	0	11.7	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.65	8.09	7.76	2.92	1	3.35	0	11.7	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.8261	9.7466	9.2818	3.06	1.08	3.35	0	11.7	0
Moisture (%AR)	500.70	Commerc. Anal.	153	5.15	4.58	4.36	8.68	2.74	3.35	0	11.7	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.82	7.73	7.15	10.7	3.67	3.35	0	11.7	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.52	8	7.69	11.7	4.02	3.35	0	11.7	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	189	0.242	0.242	0.2447	0.64	0.13	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.2234	0.2273	0.2252	0.87	0.17	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2515	0.2519	0.2569	1.19	0.24	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2639	0.2574	0.2628	1.33	0.27	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.234	0.228	0.228	1.51	0.3	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.227	0.228	0.234	1.65	0.33	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.10	Other LC-UV	154	0.1908	0.2045	0.1915	3.94	0.77	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2311	0.2441	0.2505	4.09	0.83	2.23	0.64	4.81	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1898	0.2085	0.2033	4.81	0.95	2.23	0.64	4.81	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0520	<0.0530	<0.0520						1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%DW)	502.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210						1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.0229	0.0229	0.0228	0.25	0.04	6.77	0.25	23.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.022	0.0227	0.0229	2.1	0.3	6.77	0.25	23.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0366	0.0361	0.034	3.88	0.59	6.77	0.25	23.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0506	0.0542	0.0545	4.09	0.66	6.77	0.25	23.1	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.035	0.028	0.03	11.6	1.73	6.77	0.25	23.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0292	0.0446	0.0456	23.1	3.57	6.77	0.25	23.1	0

CBD (%DW)

CBD (%DW)	503.02	AOAC 2018.11, U	199	6.6125	6.6149	6.6132	0.02	0.01	2.09	0.02	10.2	0
CBD (%DW)	503.10	Other LC-UV	189	5.8275	5.8176	5.8414	0.2	0.07	2.09	0.02	10.2	0
CBD (%DW)	503.10	Other LC-UV	116	6.5182	6.5698	6.4907	0.62	0.2	2.09	0.02	10.2	0
CBD (%DW)	503.10	Other LC-UV	142	6.2386	6.2476	6.1454	0.91	0.3	2.09	0.02	10.2	0
CBD (%DW)	503.10	Other LC-UV	162	6.4678	6.6003	6.2208	3	0.99	2.09	0.02	10.2	0
CBD (%DW)	503.10	Other LC-UV	154	4.8763	5.2658	5.1688	3.97	1.27	2.09	0.02	10.2	0
CBD (%DW)	503.01	AOAC 2018.10	210	7.755	6.517	6.543	10.2	3.42	2.09	0.02	10.2	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	189	2.7445	2.7395	2.7499	0.19	0.06	1.91	0.19	3.36	0
CBDA (%DW)	504.10	Other LC-UV	162	2.8188	2.8217	2.7662	1.11	0.33	1.91	0.19	3.36	0
CBDA (%DW)	504.10	Other LC-UV	142	2.689	2.6266	2.6359	1.27	0.37	1.91	0.19	3.36	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.131	3.1605	3.2144	1.33	0.4	1.91	0.19	3.36	0
CBDA (%DW)	504.10	Other LC-UV	116	2.9114	2.8849	2.7593	2.85	0.84	1.91	0.19	3.36	0
CBDA (%DW)	504.10	Other LC-UV	154	1.7867	1.8793	1.8999	3.25	0.89	1.91	0.19	3.36	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.435	3.235	3.251	3.36	1.01	1.91	0.19	3.36	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	189	0.0642	0.0642	0.0644	0.18	0.03	6.66	0.18	24.1	0
CBN (%DW)	505.10	Other LC-UV	162	0.068	0.0698	0.0684	1.38	0.23	6.66	0.18	24.1	0
CBN (%DW)	505.10	Other LC-UV	142	0.0568	0.0577	0.0586	1.56	0.25	6.66	0.18	24.1	0
CBN (%DW)	505.10	Other LC-UV	154	0.0655	0.071	0.0655	4.72	0.79	6.66	0.18	24.1	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0767	0.0693	0.0697	5.79	0.98	6.66	0.18	24.1	0
CBN (%DW)	505.30	GC-FID	116	0.0719	0.0645	0.0657	5.9	0.99	6.66	0.18	24.1	0
CBN (%DW)	505.30	GC-FID	192	0.0706	0.0746	0.0816	7.36	1.25	6.66	0.18	24.1	0
CBN (%DW)	505.10	Other LC-UV	116	0.0832	0.0819	0.0616	16	2.73	6.66	0.18	24.1	0
CBN (%DW)	505.10	Other LC-UV	192	0.0721	0.0441	0.0649	24.1	3.96	6.66	0.18	24.1	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2836	0.2836	0.2867	0.63	0.13	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.2435	0.2473	0.2452	0.78	0.16	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.2863	0.2895	0.2925	1.07	0.22	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2858	0.2793	0.2847	1.23	0.25	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.245	0.246	0.252	1.53	0.31	3.15	0.63	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 Δ9-THC (%DW)	506.40	GC-FID	192	0.2717	0.2723	0.2791	1.5	0.31	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.265	0.252	0.254	2.72	0.56	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2762	0.2612	0.2654	2.89	0.59	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.1908	0.2045	0.1915	3.94	0.77	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2091	0.2284	0.2234	4.55	0.91	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2568	0.2832	0.2904	6.39	1.32	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.247	0.2301	0.2623	6.54	1.33	3.15	0.63	11.6	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2104	0.1807	0.1682	11.6	2.26	3.15	0.63	11.6	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	189	8.2344	8.2202	8.2531	0.2	0.07	3.25	0.2	10.1	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	9.3584	9.3862	9.4322	0.4	0.14	3.25	0.2	10.1	0
Total CBD (%DW)	507.10	Other LC-UV	142	8.5968	8.5511	8.4571	0.84	0.29	3.25	0.2	10.1	0
Total CBD (%DW)	507.10	Other LC-UV	116	9.0714	9.0998	8.9106	1.13	0.39	3.25	0.2	10.1	0
Total CBD (%DW)	507.10	Other LC-UV	162	8.9399	9.075	8.6468	2.46	0.86	3.25	0.2	10.1	0
Total CBD (%DW)	507.40	GC-FID	192	10.0038	9.5313	9.8756	2.49	0.88	3.25	0.2	10.1	0
Total CBD (%DW)	507.10	Other LC-UV	154	6.4432	6.9139	6.835	3.75	1.25	3.25	0.2	10.1	0
Total CBD (%DW)	507.40	GC-FID	116	9.3105	8.5218	9.1625	4.66	1.62	3.25	0.2	10.1	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	10.767	9.354	9.394	8.18	2.89	3.25	0.2	10.1	0
Total CBD (%DW)	507.10	Other LC-UV	192	7.4311	6.4133	6.1512	10.1	3.38	3.25	0.2	10.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		CBDV (%DW)										
CBDV (%DW)	508.99	Other	189	0.0387	0.0387	0.0387	0	0				0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.056	0.055	0.058	2.71	0.44				0
CBDV (%DW)	508.99	Other	142	0.0594	0.0584	0.0563	2.73	0.45				0
CBDV (%DW)	508.99	Other	162	0.0504	0.0457	0.0495	5.14	0.82				0
CBDV (%DW)	508.99	Other	154	0.0522	0.0578	0.053	5.57	0.9				0
		CBDVA (%DW)										
CBDVA (%DW)	509.99	Other	154	<0.0150	<0.0150	<0.0150						1
CBDVA (%DW)	509.99	Other	142	0.0313	0.0328	0.0317	2.43	0.36				0
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.029	0.025	0.014	34.3	4.87				0
		CBG (%DW)										
CBG (%DW)	510.99	Other	189	0.2167	0.219	0.2193	0.65	0.13				0
CBG (%DW)	510.99	Other	162	0.1768	0.1766	0.1807	1.3	0.25				0
CBG (%DW)	510.99	Other	142	0.1619	0.1675	0.1633	1.77	0.34				0
CBG (%DW)	510.01	AOAC 2018.10	210	0.153	0.141	0.145	4.18	0.78				0
		CBGA (%DW)										
CBGA (%DW)	511.99	Other	142	0.1282	0.1273	0.1279	0.36	0.07				0
CBGA (%DW)	511.99	Other	189	0.1556	0.1571	0.1568	0.51	0.1				0
CBGA (%DW)	511.99	Other	154	0.0874	0.0913	0.0895	2.18	0.38				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%DW)	511.01	AOAC 2018.10	210	0.08	0.077	0.083	3.75	0.64				0
CBGA (%DW)	511.99	Other	162	0.1471	0.1558	0.1591	4.03	0.76				0
THCV (%DW)												
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130						1
THCV (%DW)	512.99	Other	142	<0.0022	<0.0022	<0.0022						1
THCV (%DW)	512.99	Other	189	0.0455	0.0466	0.0483	3.01	0.48				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	<0.0130	<0.0130	<0.0130						1
Δ8-THC (%DW)	513.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%DW)	513.99	Other	192	0.0682	0.062	0.0703	6.46	1.08				0
Δ8-THC (%DW)	513.99	Other	189	0.0138	0.0127	0.0157	10.8	1.43				0
CBC (%DW)												
CBC (%DW)	514.99	Other	189	0.2855	0.2884	0.2895	0.72	0.15				0
CBC (%DW)	514.99	Other	142	0.2376	0.2441	0.2403	1.36	0.27				0
CBC (%DW)	514.99	Other	154	0.1912	0.2077	0.1984	4.15	0.82				0
CBC (%DW)	514.99	Other	162	0.268	0.2664	0.2488	4.08	0.84				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