

Hemp Proficiency Testing

All Labs Precision

HM21SEP-1 (hemp)



Sample: HM21SEP-1 (hemp)

All Labs Precision

Issue Date: October 24, 2021

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)	001.10	Other LC-UV	204	0.2173	0.2157	0.2167	0.37	0.07	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.172	0.174	0.172	0.67	0.13	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.213	0.214	0.216	0.71	0.14	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	211	0.223	0.221	0.219	0.9	0.18	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.183	0.186	0.183	0.94	0.18	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.03	AOAC 2018.11,	139	0.2436	0.2411	0.2389	0.98	0.2	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.21	0.209	0.206	1	0.2	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.2253	0.2221	0.2265	1.01	0.2	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.1958	0.1921	0.1969	1.29	0.25	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2295	0.2276	0.2231	1.45	0.29	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.2361	0.2375	0.2431	1.55	0.31	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.99	Other	183	0.2214	0.2275	0.2282	1.66	0.33	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1932	0.1904	0.1867	1.72	0.34	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.2358	0.2365	0.229	1.77	0.36	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.2245	0.2198	0.2284	1.92	0.38	2.6	0.37	17.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.2176	0.2111	0.2099	1.95	0.39	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.2103	0.2102	0.2174	1.94	0.39	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.2193	0.219	0.2268	1.99	0.4	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.1811	0.1765	0.1839	2.07	0.4	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.223	0.229	0.233	2.2	0.44	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	108	0.1907	0.1877	0.1822	2.31	0.45	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2346	0.2442	0.2441	2.29	0.46	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	199	0.2175	0.2145	0.2245	2.34	0.47	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.223	0.22	0.213	2.35	0.47	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	215	0.2159	0.2162	0.2072	2.4	0.48	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.99	Other	132	0.224	0.231	0.235	2.42	0.49	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.23	0.22	0.22	2.59	0.52	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.245	0.237	0.233	2.56	0.52	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.21	0.22	0.21	2.71	0.54	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2182	0.2079	0.2088	2.7	0.54	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.225	0.222	0.213	2.84	0.57	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.60	NIR	187	0.2	0.2	0.19	2.94	0.58	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	214	0.2	0.2	0.19	2.94	0.58	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	161	0.1826	0.1944	0.1865	3.2	0.62	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.195	0.2002	0.1876	3.26	0.64	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2226	0.2128	0.2266	3.22	0.64	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1723	0.1701	0.1813	3.4	0.66	2.6	0.37	17.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2434	0.2537	0.2378	3.29	0.67	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.1863	0.2001	0.1948	3.59	0.7	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2275	0.2248	0.24	3.51	0.71	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2004	0.1983	0.1871	3.66	0.72	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	152	0.2632	0.2728	0.2828	3.59	0.74	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.266	0.271	0.252	3.74	0.77	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	209	0.2228	0.2405	0.2394	4.23	0.85	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2108	0.1944	0.208	4.29	0.85	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	125	0.193	0.201	0.212	4.72	0.93	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	208	0.198	0.219	0.2266	6.91	1.37	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1997	0.2277	0.227	7.32	1.46	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.267	0.2313	0.2438	7.32	1.49	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.205	0.204	0.238	8.97	1.79	2.6	0.37	17.1	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.3259	0.2413	0.3343	17.1	3.58	2.6	0.37	17.1	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.02	AOAC 2018.11,	214	0.11	0.11	0.11	0	0	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.13	0.13	0.13	0	0	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	209	0.1145	0.1148	0.1145	0.15	0.03	3.23	0	23.2	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.095	0.095	0.094	0.61	0.11	3.23	0	23.2	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.1092	0.1106	0.1094	0.69	0.12	3.23	0	23.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	199	0.1105	0.109	0.109	0.79	0.14	3.23	0	23.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.118	0.119	0.12	0.84	0.15	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.107	0.109	0.108	0.93	0.17	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.1086	0.1106	0.1103	0.98	0.18	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.1215	0.1187	0.1207	1.2	0.22	3.23	0	23.2	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11,	139	0.1101	0.1105	0.1127	1.26	0.23	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.0956	0.0934	0.0955	1.31	0.23	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.113	0.116	0.114	1.34	0.24	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	216	0.0934	0.0936	0.0913	1.37	0.24	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	197	0.0959	0.0988	0.099	1.77	0.31	3.23	0	23.2	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.105	0.109	0.106	1.95	0.35	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.104	0.107	0.108	1.96	0.35	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.1776	0.1754	0.1819	1.85	0.36	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.1065	0.1049	0.1092	2.03	0.36	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.12	0.121	0.116	2.22	0.4	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.1138	0.1174	0.1122	2.33	0.42	3.23	0	23.2	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.112	0.113	0.108	2.38	0.43	3.23	0	23.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	125	0.119	0.125	0.122	2.46	0.45	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	211	0.099	0.097	0.094	2.6	0.46	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.1263	0.1247	0.1311	2.62	0.48	3.23	0	23.2	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0885	0.0883	0.0928	2.83	0.49	3.23	0	23.2	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.1139	0.1091	0.1082	2.78	0.5	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	194	0.1218	0.1152	0.1169	2.9	0.53	3.23	0	23.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.1142	0.1178	0.1212	2.97	0.54	3.23	0	23.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	152	0.1091	0.1024	0.1075	3.29	0.59	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.1052	0.1074	0.1005	3.38	0.6	3.23	0	23.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	108	0.0864	0.0858	0.081	3.51	0.61	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	208	0.0979	0.105	0.1034	3.65	0.65	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.1013	0.1014	0.095	3.69	0.65	3.23	0	23.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	210	0.124	0.117	0.116	3.66	0.67	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.136	0.144	0.134	3.83	0.71	3.23	0	23.2	0
Δ9-THCA (%AR)	002.99	Other	132	0.098	0.102	0.094	4.08	0.72	3.23	0	23.2	0
Δ9-THCA (%AR)	002.60	NIR	187	0.13	0.14	0.13	4.33	0.8	3.23	0	23.2	0
Δ9-THCA (%AR)	002.99	Other	183	0.1204	0.1287	0.1311	4.43	0.81	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.1094	0.0986	0.1038	5.2	0.93	3.23	0	23.2	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.1063	0.0963	0.0983	5.28	0.94	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.1126	0.1179	0.1054	5.6	1.01	3.23	0	23.2	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	161	0.0823	0.0919	0.0833	6.15	1.07	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.1236	0.1147	0.1298	6.19	1.13	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.1037	0.117	0.1158	6.56	1.18	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	207	0.104	0.1	0.091	6.77	1.2	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.1155	0.101	0.1022	7.58	1.36	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0724	0.0816	0.0869	9.14	1.57	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.073	0.072	0.06	10.6	1.77	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	215	0.0964	0.1248	0.1078	13	2.34	3.23	0	23.2	0

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Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0582	0.0925	0.0809	22.6	3.86	3.23	0	23.2	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0778	0.0561	0.0904	23.2	3.94	3.23	0	23.2	0

CBD (%AR)

CBD (%AR)	003.03	AOAC 2018.11,	139	3.4059	3.375	3.3557	0.75	0.23	2.57	0.75	10.7	0
CBD (%AR)	003.30	Other LC-MS	122	3.3617	3.3476	3.312	0.77	0.23	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	196	3.6931	3.7455	3.768	1.03	0.31	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	216	3.8279	3.8266	3.7559	1.08	0.33	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	142	3.4957	3.4493	3.4186	1.12	0.34	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	204	3.4322	3.3529	3.4049	1.19	0.36	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	194	3.5104	3.4094	3.4526	1.47	0.44	2.57	0.75	10.7	0
CBD (%AR)	003.60	NIR	187	2.98	3.06	2.97	1.64	0.49	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	197	3.6742	3.7263	3.6009	1.72	0.52	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	162	3.5422	3.417	3.4879	1.8	0.54	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	192	3.5633	3.6338	3.6919	1.77	0.54	2.57	0.75	10.7	0
CBD (%AR)	003.02	AOAC 2018.11,	103	3.313	3.292	3.415	1.97	0.59	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	149	3.247	3.319	3.187	2.03	0.61	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	113	3.503	3.417	3.556	2.01	0.61	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	109	3.798	3.67	3.669	2	0.61	2.57	0.75	10.7	0
CBD (%AR)	003.02	AOAC 2018.11,	199	3.544	3.484	3.629	2.05	0.62	2.57	0.75	10.7	0
CBD (%AR)	003.99	Other	132	3.206	3.195	3.322	2.17	0.65	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	191	3.2825	3.3017	3.1708	2.17	0.65	2.57	0.75	10.7	0

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CBD (%AR)	003.02	AOAC 2018.11,	108	3.575	3.408	3.479	2.4	0.73	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	184	3.1882	3.0407	3.1587	2.49	0.74	2.57	0.75	10.7	0
CBD (%AR)	003.02	AOAC 2018.11,	214	3.21	3.29	3.12	2.65	0.79	2.57	0.75	10.7	0
CBD (%AR)	003.02	AOAC 2018.11,	125	3.23	3.37	3.4	2.72	0.82	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	141	3.3957	3.3703	3.2182	2.88	0.87	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	172	4.094	4.185	3.956	2.83	0.87	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	163	3.737	3.582	3.784	2.86	0.87	2.57	0.75	10.7	0
CBD (%AR)	003.30	Other LC-MS	164	3.5642	3.38	3.4077	2.88	0.87	2.57	0.75	10.7	0
CBD (%AR)	003.01	AOAC 2018.10	152	3.0991	3.2387	3.2784	2.94	0.88	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	208	3.3419	3.5562	3.4315	3.13	0.94	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	211	3.514	3.503	3.323	3.11	0.94	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	106	3.52	3.6	3.38	3.18	0.96	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	116	3.58	3.6966	3.4562	3.36	1.02	2.57	0.75	10.7	0
CBD (%AR)	003.02	AOAC 2018.11,	161	2.9369	3.0876	3.1419	3.48	1.03	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	215	3.1381	3.0498	3.2684	3.49	1.04	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	144	3.9277	3.6896	3.9032	3.41	1.05	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	209	1.9615	2.0375	2.1181	3.84	1.07	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	155	2.95	2.93	3.13	3.67	1.08	2.57	0.75	10.7	0
CBD (%AR)	003.99	Other	183	3.5996	3.8952	3.6903	4.06	1.24	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	200	3.434	3.475	3.208	4.26	1.28	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	212	3.6206	3.7664	3.416	4.89	1.48	2.57	0.75	10.7	0
CBD (%AR)	003.10	Other LC-UV	207	3.834	3.72	3.382	6.45	1.96	2.57	0.75	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 (%AR)	003.30	Other LC-MS	149	4.002	3.502	3.25	10.7	3.24	2.57	0.75	10.7	0
CBDA (%AR)												
CBDA (%AR)	004.30	Other LC-MS	122	6.3821	6.3352	6.3522	0.37	0.12	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	192	5.0382	4.9881	5.0445	0.62	0.2	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	204	6.5097	6.4233	6.5087	0.76	0.25	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	196	6.7663	6.877	6.7911	0.85	0.28	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	106	6.6	6.46	6.49	1.13	0.38	2.92	0.37	8.23	0
CBDA (%AR)	004.02	AOAC 2018.11,	152	5.6985	5.8386	5.7258	1.29	0.42	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	197	6.5946	6.7194	6.7581	1.28	0.43	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	163	7.026	6.838	6.924	1.36	0.46	2.92	0.37	8.23	0
CBDA (%AR)	004.03	AOAC 2018.11,	139	5.7256	5.884	5.862	1.47	0.48	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	109	7.31	7.163	7.105	1.47	0.49	2.92	0.37	8.23	0
CBDA (%AR)	004.99	Other	132	5.353	5.419	5.532	1.67	0.54	2.92	0.37	8.23	0
CBDA (%AR)	004.02	AOAC 2018.11,	214	6.08	6.18	5.97	1.73	0.57	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	194	6.3755	6.1359	6.2672	1.92	0.63	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	142	6.4132	6.3125	6.1426	2.17	0.72	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	184	5.7678	5.5804	5.8364	2.31	0.75	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	208	6.4238	6.7206	6.702	2.51	0.84	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	216	7.0611	7.2591	6.8995	2.55	0.86	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	191	6.9012	6.9721	6.6362	2.59	0.87	2.92	0.37	8.23	0
CBDA (%AR)	004.02	AOAC 2018.11,	108	6.733	6.411	6.464	2.64	0.88	2.92	0.37	8.23	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	5.872	6.192	5.98	2.71	0.89	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	162	6.3685	6.0312	6.1884	2.72	0.9	2.92	0.37	8.23	0
CBDA (%AR)	004.02	AOAC 2018.11,	199	6.3185	6.556	6.732	3.18	1.05	2.92	0.37	8.23	0
CBDA (%AR)	004.99	Other	183	7.0305	7.5002	7.2254	3.25	1.1	2.92	0.37	8.23	0
CBDA (%AR)	004.02	AOAC 2018.11,	161	5.3622	5.6893	5.7335	3.62	1.18	2.92	0.37	8.23	0
CBDA (%AR)	004.30	Other LC-MS	164	5.8501	5.5106	5.4777	3.67	1.19	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	155	5.36	5.2	5.6	3.74	1.21	2.92	0.37	8.23	0
CBDA (%AR)	004.02	AOAC 2018.11,	125	5.87	6.3	5.95	3.79	1.24	2.92	0.37	8.23	0
CBDA (%AR)	004.60	NIR	187	5.51	5.95	5.76	3.84	1.25	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	200	5.914	6.112	5.653	3.91	1.28	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	144	6.848	6.3151	6.5373	4.08	1.35	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	172	7.518	7.778	7.18	4	1.36	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	211	6.268	6.252	5.793	4.42	1.45	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	141	6.2229	6.0153	5.6982	4.42	1.45	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	116	5.8607	6.1597	5.5844	4.9	1.6	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	212	5.9201	6.1689	5.5875	4.95	1.62	2.92	0.37	8.23	0
CBDA (%AR)	004.30	Other LC-MS	149	6.099	5.969	6.689	6.14	2.02	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	207	6.607	6.441	5.869	6.14	2.03	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	215	6.0759	6.722	6.992	7.14	2.37	2.92	0.37	8.23	0
CBDA (%AR)	004.10	Other LC-UV	209	4.097	4.8303	4.5483	8.23	2.59	2.92	0.37	8.23	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	<0.0495	<0.0485	<0.0476						1
CBN (%AR)	005.10	Other LC-UV	211	<0.0100	<0.0100	<0.0100						1
CBN (%AR)	005.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205						1
CBN (%AR)	005.10	Other LC-UV	116	<0.0400	<0.0400	<0.0400						1
CBN (%AR)	005.30	GC-FID	116	<0.0400	<0.0400	<0.0400						1
CBN (%AR)	005.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270						1
CBN (%AR)	005.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250						1
CBN (%AR)	005.10	Other LC-UV	216	<0.0437	<0.0493	<0.0513						1
CBN (%AR)	005.02	AOAC 2018.11,	108	0	0	0						1
CBN (%AR)	005.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
CBN (%AR)	005.10	Other LC-UV	200	0.016	0.016	0.016	0	0	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	106	0.02	0.02	0.02	0	0	8.65	0	91	0
CBN (%AR)	005.02	AOAC 2018.11,	214	0.02	0.02	0.02	0	0	8.65	0	91	0
CBN (%AR)	005.20	Other LC-MS	122	0.0129	0.013	0.0129	0.45	0.06	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	204	0.0159	0.0157	0.0158	0.63	0.09	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	144	0.0136	0.0134	0.0133	1.14	0.15	8.65	0	91	0
CBN (%AR)	005.99	Other	183	0.0155	0.0161	0.0156	2.04	0.27	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	142	0.0135	0.0133	0.0129	2.31	0.3	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	162	0.014	0.0147	0.0136	3.95	0.52	8.65	0	91	0
CBN (%AR)	005.99	Other	132	0.011	0.012	0.012	4.95	0.64	8.65	0	91	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	207	0.018	0.017	0.016	5.88	0.8	8.65	0	91	0
CBN (%AR)	005.30	GC-FID	163	0.025	0.026	0.022	8.55	1.23	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	109	0.015	0.014	0.017	9.96	1.33	8.65	0	91	0
CBN (%AR)	005.03	AOAC 2018.11,	139	0.0147	0.0146	0.0121	10.7	1.41	8.65	0	91	0
CBN (%AR)	005.20	Other LC-MS	149	0.015	0.012	0.015	12.4	1.63	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	209	0.0156	0.0119	0.013	14.1	1.85	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	192	0.0409	0.0404	0.0525	15.4	2.41	8.65	0	91	0
CBN (%AR)	005.10	Other LC-UV	141	0.1004	0.0699	0.1055	20.9	3.67	8.65	0	91	0
CBN (%AR)	005.30	GC-FID	185	0.0448	0.0511	0.0784	30.7	5.03	8.65	0	91	0
CBN (%AR)	005.30	GC-FID	138	0.0396	0.0347	0.0118	51.7	7.61	8.65	0	91	0
CBN (%AR)	005.02	AOAC 2018.11,	125	0.0058	0.0071	0.0278	91	11.96	8.65	0	91	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	214	0.29	0.29	0.29	0	0	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.301	0.303	0.301	0.38	0.08	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	139	0.3402	0.338	0.3377	0.4	0.09	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.312	0.314	0.311	0.49	0.1	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.3284	0.3317	0.3312	0.54	0.11	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.3239	0.3198	0.3226	0.65	0.14	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.2777	0.2742	0.277	0.67	0.14	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.2773	0.277	0.2735	0.77	0.16	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.3253	0.3246	0.319	1.07	0.23	2.97	0	47.4	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)	006.40	GC-FID	116	0.3111	0.3063	0.3046	1.1	0.23	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.264	0.27	0.265	1.21	0.25	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.3321	0.3231	0.3291	1.4	0.3	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	211	0.31	0.306	0.301	1.48	0.31	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	199	0.3144	0.3101	0.3201	1.59	0.34	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.289	0.2867	0.2799	1.66	0.34	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.3083	0.3017	0.3121	1.71	0.36	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.99	Other	132	0.31	0.321	0.318	1.8	0.38	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.32	0.32	0.31	1.82	0.38	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.3317	0.323	0.3201	1.86	0.39	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.29	0.3	0.29	1.97	0.41	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.357	0.361	0.372	2.14	0.46	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.3211	0.3195	0.3324	2.17	0.46	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.3064	0.3	0.2932	2.2	0.46	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.272	0.2791	0.2855	2.42	0.5	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.3347	0.3475	0.3504	2.43	0.52	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.329	0.326	0.314	2.46	0.52	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3387	0.3507	0.3345	2.46	0.53	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.99	Other	183	0.327	0.3403	0.3431	2.55	0.54	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	108	0.2665	0.263	0.2533	2.62	0.54	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3505	0.3477	0.3644	2.53	0.54	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.317	0.3113	0.3013	2.56	0.54	2.97	0	47.4	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,	152	0.3589	0.3751	0.3771	2.69	0.58	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.247	0.238	0.233	2.96	0.6	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	209	0.3232	0.3412	0.3399	3	0.64	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.385	0.3653	0.366	3	0.65	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.31	0.32	0.3	3.23	0.68	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.321	0.324	0.3409	3.26	0.69	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	125	0.298	0.311	0.318	3.28	0.69	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2963	0.2888	0.2772	3.35	0.7	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	207	0.337	0.325	0.313	3.69	0.78	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2929	0.3122	0.3132	3.74	0.78	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.3853	0.3973	0.3695	3.63	0.79	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	161	0.2548	0.275	0.2596	4.01	0.82	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.331	0.3134	0.3404	4.18	0.89	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.51	0.5	0.47	4.22	0.95	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2558	0.241	0.2645	4.68	0.96	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	185	0.2054	0.2261	0.2142	4.83	0.96	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.3003	0.3256	0.3018	4.59	0.96	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.2498	0.2717	0.271	4.71	0.97	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2861	0.2841	0.3128	5.44	1.14	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	208	0.2838	0.311	0.3173	5.86	1.23	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.302	0.334	0.302	5.91	1.24	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.3669	0.327	0.3387	5.96	1.27	2.97	0	47.4	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,	103	0.3085	0.3084	0.3432	6.27	1.32	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.3124	0.2818	0.2738	7.04	1.46	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.99	Other	181	0.28	0.32	0.32	7.53	1.58	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.3243	0.2703	0.3311	10.8	2.27	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.3941	0.2905	0.4136	18.1	3.9	2.97	0	47.4	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.17	0.41	0.5	47.4	10.19	2.97	0	47.4	0

Total CBD (%AR)

Total CBD (%AR)	007.40	GC-FID	185	7.304	7.336	7.305	0.25	0.08	2.85	0.25	26.7	0
Total CBD (%AR)	007.30	Other LC-MS	122	8.9588	8.9036	8.8829	0.44	0.15	2.85	0.25	26.7	0
Total CBD (%AR)	007.03	AOAC 2018.11,	139	8.4273	8.5353	8.4967	0.64	0.22	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	196	9.6272	9.7766	9.7238	0.78	0.27	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	192	7.9819	8.0084	8.116	0.88	0.3	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	197	9.4577	9.6192	9.5278	0.85	0.3	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	204	9.1412	8.9861	9.113	0.91	0.32	2.85	0.25	26.7	0
Total CBD (%AR)	007.02	AOAC 2018.11,	152	8.0967	8.3591	8.2999	1.67	0.57	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	109	10.209	9.953	9.9	1.65	0.58	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	142	9.1201	8.9854	8.8057	1.76	0.61	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	194	9.1018	8.7906	8.949	1.74	0.61	2.85	0.25	26.7	0
Total CBD (%AR)	007.99	Other	132	7.905	7.951	8.178	1.82	0.62	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	216	10.0205	10.1928	9.8068	1.93	0.68	2.85	0.25	26.7	0
Total CBD (%AR)	007.02	AOAC 2018.11,	214	3.44	3.51	3.34	2.49	0.75	2.85	0.25	26.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.10	Other LC-UV	149	8.397	8.75	8.431	2.28	0.79	2.85	0.25	26.7	0
Total CBD (%AR)	007.40	GC-FID	163	9	9.381	9.339	2.26	0.79	2.85	0.25	26.7	0
Total CBD (%AR)	007.40	GC-FID	170	9.917	9.48	9.776	2.29	0.81	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	162	9.1274	8.7063	8.9152	2.36	0.82	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	191	9.3348	9.4163	8.9907	2.44	0.85	2.85	0.25	26.7	0
Total CBD (%AR)	007.02	AOAC 2018.11,	199	9.0853	9.2336	9.533	2.46	0.86	2.85	0.25	26.7	0
Total CBD (%AR)	007.02	AOAC 2018.11,	108	9.48	9.03	9.148	2.53	0.88	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	208	8.9756	9.4501	9.3091	2.64	0.92	2.85	0.25	26.7	0
Total CBD (%AR)	007.60	NIR	187	7.81	8.27	8.02	2.87	0.98	2.85	0.25	26.7	0
Total CBD (%AR)	007.02	AOAC 2018.11,	125	8.37	8.9	8.62	3.07	1.06	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	155	7.65	7.49	8	3.38	1.15	2.85	0.25	26.7	0
Total CBD (%AR)	007.30	Other LC-MS	164	9.4143	8.8906	8.8853	3.35	1.17	2.85	0.25	26.7	0
Total CBD (%AR)	007.30	Other LC-MS	149	9.352	8.736	9.116	3.43	1.2	2.85	0.25	26.7	0
Total CBD (%AR)	007.02	AOAC 2018.11,	161	7.6396	8.0771	8.1702	3.56	1.22	2.85	0.25	26.7	0
Total CBD (%AR)	007.99	Other	183	9.7653	10.4729	10.027	3.55	1.26	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	172	10.6873	11.0063	10.2529	3.55	1.27	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	144	9.9348	9.2292	9.6377	3.69	1.3	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	141	8.8533	8.6457	8.2156	3.79	1.31	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	211	9.011	8.986	8.404	3.9	1.36	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	200	8.62	8.84	8.17	4	1.38	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	116	8.7198	9.0986	8.3538	4.27	1.48	2.85	0.25	26.7	0
Total CBD (%AR)	007.40	GC-FID	169	7.9868	7.4644	8.1455	4.53	1.55	2.85	0.25	26.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.10	Other LC-UV	212	8.8126	9.1765	8.3163	4.92	1.71	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	215	8.4667	8.9449	9.4004	5.22	1.82	2.85	0.25	26.7	0
Total CBD (%AR)	007.40	GC-FID	116	8.468	7.8427	8.8616	6.12	2.11	2.85	0.25	26.7	0
Total CBD (%AR)	007.10	Other LC-UV	207	9.628	9.369	8.529	6.26	2.19	2.85	0.25	26.7	0
Total CBD (%AR)	007.40	GC-FID	138	8.3248	9.6343	9.2657	7.44	2.6	2.85	0.25	26.7	0
Total CBD (%AR)	007.60	NIR	138	5.87	9.32	10.09	26.7	9.2	2.85	0.25	26.7	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	211	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	216	<0.0437	<0.0493	<0.0513						1
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270						1
CBDV (%AR)	008.02	AOAC 2018.11,	108	0	0	0						1
CBDV (%AR)	008.99	Other	197	<0.0495	<0.0485	<0.0476						1
CBDV (%AR)	008.02	AOAC 2018.11,	214	0.02	0.02	0.02	0	0	4.82	0	41.9	0
CBDV (%AR)	008.99	Other	106	0.05	0.05	0.05	0	0	4.82	0	41.9	0
CBDV (%AR)	008.99	Other	149	0.027	0.028	0.028	2.09	0.31	4.82	0	41.9	0
CBDV (%AR)	008.99	Other	207	0.024	0.023	0.023	2.47	0.35	4.82	0	41.9	0
CBDV (%AR)	008.99	Other	183	0.034	0.0362	0.0366	3.93	0.6	4.82	0	41.9	0
CBDV (%AR)	008.99	Other	200	0.032	0.031	0.029	4.98	0.74	4.82	0	41.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDV (%AR)	008.99	Other	196	0.0241	0.0246	0.0267	5.49	0.79	4.82	0	41.9	0
CBDV (%AR)	008.99	Other	208	0.0736	0.0932	0.0834	11.8	2.03	4.82	0	41.9	0
CBDV (%AR)	008.99	Other	132	0.024	0.023	0.046	41.9	6.24	4.82	0	41.9	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	197	<0.0743	<0.0728	<0.0714						1
CBDVA (%AR)	009.99	Other	216	<0.0655	<0.0739	<0.0769						1
CBDVA (%AR)	009.02	AOAC 2018.11,	214	0.07	0.07	0.07	0	0	3.31	0	8.01	0
CBDVA (%AR)	009.99	Other	149	0.074	0.075	0.074	0.78	0.13	3.31	0	8.01	0
CBDVA (%AR)	009.99	Other	196	0.0648	0.0667	0.0652	1.53	0.25	3.31	0	8.01	0
CBDVA (%AR)	009.99	Other	183	0.0811	0.0853	0.0846	2.69	0.46	3.31	0	8.01	0
CBDVA (%AR)	009.99	Other	208	0.109	0.1172	0.114	3.64	0.66	3.31	0	8.01	0
CBDVA (%AR)	009.99	Other	212	0.0621	0.0625	0.0555	6.55	1.08	3.31	0	8.01	0
CBDVA (%AR)	009.02	AOAC 2018.11,	108	0.0519	0.0529	0.0455	8.01	1.28	3.31	0	8.01	0

CBG (%AR)

CBG (%AR)	010.02	AOAC 2018.11,	214	0.12	0.12	0.12	0	0	3.71	0	13.9	0
CBG (%AR)	010.99	Other	106	0.14	0.14	0.14	0	0	3.71	0	13.9	0
CBG (%AR)	010.99	Other	216	0.0803	0.0816	0.0812	0.82	0.14	3.71	0	13.9	0
CBG (%AR)	010.99	Other	183	0.1313	0.1322	0.1341	1.08	0.2	3.71	0	13.9	0
CBG (%AR)	010.99	Other	194	0.1385	0.1368	0.1397	1.05	0.2	3.71	0	13.9	0
CBG (%AR)	010.02	AOAC 2018.11,	108	0.1012	0.1037	0.1034	1.33	0.24	3.71	0	13.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.99	Other	208	0.1271	0.1289	0.125	1.54	0.28	3.71	0	13.9	0
CBG (%AR)	010.99	Other	142	0.1266	0.1238	0.1228	1.58	0.29	3.71	0	13.9	0
CBG (%AR)	010.99	Other	196	0.1135	0.1156	0.1177	1.82	0.33	3.71	0	13.9	0
CBG (%AR)	010.99	Other	132	0.164	0.17	0.167	1.8	0.34	3.71	0	13.9	0
CBG (%AR)	010.99	Other	204	0.1499	0.1435	0.1503	2.58	0.49	3.71	0	13.9	0
CBG (%AR)	010.99	Other	200	0.162	0.16	0.153	2.98	0.57	3.71	0	13.9	0
CBG (%AR)	010.99	Other	207	0.123	0.114	0.121	3.96	0.72	3.71	0	13.9	0
CBG (%AR)	010.02	AOAC 2018.11,	125	0.152	0.163	0.164	4.17	0.79	3.71	0	13.9	0
CBG (%AR)	010.99	Other	149	0.105	0.113	0.103	4.95	0.89	3.71	0	13.9	0
CBG (%AR)	010.99	Other	109	0.123	0.116	0.128	4.93	0.9	3.71	0	13.9	0
CBG (%AR)	010.99	Other	197	0.0845	0.0805	0.0746	6.24	1.07	3.71	0	13.9	0
CBG (%AR)	010.99	Other	162	0.1073	0.1214	0.1171	6.27	1.14	3.71	0	13.9	0
CBG (%AR)	010.99	Other	212	0.0326	0.039	0.0351	9.07	1.38	3.71	0	13.9	0
CBG (%AR)	010.99	Other	155	0.116	0.109	0.128	8.17	1.48	3.71	0	13.9	0
CBG (%AR)	010.99	Other	141	0.0827	0.0894	0.107	13.5	2.37	3.71	0	13.9	0
CBG (%AR)	010.99	Other	211	0.126	0.126	0.098	13.9	2.52	3.71	0	13.9	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	194	0.3044	0.3049	0.3028	0.36	0.08	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	196	0.297	0.3025	0.3032	1.13	0.24	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	204	0.3031	0.2964	0.3062	1.66	0.35	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	216	0.2541	0.2631	0.2626	1.95	0.4	4.75	0.36	14	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.02	AOAC 2018.11,	108	0.2647	0.2607	0.2544	2	0.41	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	132	0.229	0.237	0.228	2.13	0.43	4.75	0.36	14	0
CBGA (%AR)	011.02	AOAC 2018.11,	214	0.26	0.25	0.25	2.28	0.46	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	142	0.3073	0.307	0.2935	2.6	0.55	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	208	0.2891	0.3005	0.3093	3.38	0.71	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	197	0.2667	0.2883	0.279	3.9	0.81	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	109	0.365	0.342	0.338	4.18	0.89	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	106	0.26	0.24	0.24	4.68	0.95	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	212	0.2177	0.2433	0.217	6.63	1.33	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	141	0.0894	0.0773	0.0902	8.44	1.46	4.75	0.36	14	0
CBGA (%AR)	011.02	AOAC 2018.11,	125	0.24	0.281	0.263	7.86	1.61	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	207	0.263	0.254	0.223	8.51	1.73	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	162	0.2705	0.3021	0.2539	8.89	1.84	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	183	0.2903	0.3067	0.3478	9.41	1.98	4.75	0.36	14	0
CBGA (%AR)	011.99	Other	149	0.222	0.293	0.275	14	2.88	4.75	0.36	14	0

THCV (%AR)

THCV (%AR)	012.99	Other	183	0	0	0						1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	216	<0.0437	<0.0493	<0.0513						1
THCV (%AR)	012.99	Other	197	<0.0495	<0.0485	<0.0476						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	142	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	208	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.02	AOAC 2018.11,	108	0	0	0						1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270						1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	211	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.02	AOAC 2018.11,	214	0.02	0.02	0.02	0	0				0
THCV (%AR)	012.99	Other	132	0.017	0.018	0.019	5.56	0.76				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	183	0	0	0						1
Δ8-THC (%AR)	013.99	Other	207	<0.0130	<0.0130	<0.0130						1
Δ8-THC (%AR)	013.99	Other	197	<0.0495	<0.0485	<0.0476						1
Δ8-THC (%AR)	013.99	Other	208	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270						1
Δ8-THC (%AR)	013.02	AOAC 2018.11,	108	0	0	0						1
Δ8-THC (%AR)	013.99	Other	211	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	216	<0.0437	<0.0493	<0.0513						1
Δ8-THC (%AR)	013.99	Other	109	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	106	0.04	0.03	0.03	17.3	2.61				0
Δ8-THC (%AR)	013.99	Other	138	0.0434	0.0457	0.0327	17.1	2.65				0

CBC (%AR)

CBC (%AR)	014.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
CBC (%AR)	014.99	Other	106	0.23	0.23	0.23	0	0	2.86	0	14.2	0
CBC (%AR)	014.99	Other	194	0.2526	0.2526	0.2498	0.64	0.13	2.86	0	14.2	0
CBC (%AR)	014.99	Other	196	0.2764	0.2776	0.2729	0.89	0.18	2.86	0	14.2	0
CBC (%AR)	014.99	Other	204	0.2658	0.2612	0.2626	0.9	0.18	2.86	0	14.2	0
CBC (%AR)	014.99	Other	216	0.2498	0.2522	0.2544	0.91	0.19	2.86	0	14.2	0
CBC (%AR)	014.99	Other	162	0.2547	0.2499	0.2582	1.64	0.33	2.86	0	14.2	0
CBC (%AR)	014.99	Other	149	0.24	0.244	0.236	1.67	0.34	2.86	0	14.2	0
CBC (%AR)	014.99	Other	142	0.2446	0.2383	0.2351	2.02	0.41	2.86	0	14.2	0
CBC (%AR)	014.02	AOAC 2018.11,	103	0.226	0.228	0.236	2.3	0.46	2.86	0	14.2	0
CBC (%AR)	014.99	Other	132	0.227	0.23	0.238	2.45	0.49	2.86	0	14.2	0
CBC (%AR)	014.02	AOAC 2018.11,	125	0.232	0.245	0.239	2.73	0.55	2.86	0	14.2	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	197	0.2544	0.2583	0.2448	2.75	0.56	2.86	0	14.2	0
CBC (%AR)	014.99	Other	109	0.285	0.274	0.269	2.97	0.61	2.86	0	14.2	0
CBC (%AR)	014.99	Other	183	0.2509	0.2649	0.2671	3.37	0.69	2.86	0	14.2	0
CBC (%AR)	014.02	AOAC 2018.11,	108	0.2607	0.2635	0.2452	3.84	0.79	2.86	0	14.2	0
CBC (%AR)	014.99	Other	200	0.281	0.272	0.26	3.89	0.8	2.86	0	14.2	0
CBC (%AR)	014.99	Other	155	0.218	0.2	0.216	4.67	0.93	2.86	0	14.2	0
CBC (%AR)	014.99	Other	208	0.2216	0.2441	0.2297	4.92	0.99	2.86	0	14.2	0
CBC (%AR)	014.99	Other	207	0.272	0.266	0.244	5.66	1.16	2.86	0	14.2	0
CBC (%AR)	014.99	Other	211	0.256	0.249	0.223	7.17	1.45	2.86	0	14.2	0
CBC (%AR)	014.99	Other	212	0.1622	0.2126	0.1756	14.2	2.76	2.86	0	14.2	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	141	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.03	ICP-OES	132	0.104								1
Cd (ug/g AR)	101.04	ICP-MS	122	0.1228	0.1219	0.1235	0.65	0.12	4.58	0.65	10.4	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1256	0.1288	0.1284	1.37	0.25	4.58	0.65	10.4	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.132	0.128	0.132	1.77	0.33	4.58	0.65	10.4	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.0991	0.0947	0.0969	2.27	0.4	4.58	0.65	10.4	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1302	0.1377	0.1324	2.89	0.54	4.58	0.65	10.4	0
Cd (ug/g AR)	101.04	ICP-MS	214	0.128	0.125	0.139	5.64	1.04	4.58	0.65	10.4	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.134	0.13	0.146	6.09	1.13	4.58	0.65	10.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Cd (ug/g AR)	101.04	ICP-MS	183	0.11	0.1285	0.107	10.1	1.83	4.58	0.65	10.4	0
Cd (ug/g AR)	101.04	ICP-MS	211	0.144	0.122	0.149	10.4	1.93	4.58	0.65	10.4	0

As (ug/g AR)

As (ug/g AR)	102.03	ICP-OES	132	0.4								1
As (ug/g AR)	102.04	ICP-MS	141	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						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	197	<0.0992	<0.0980	<0.1004						1
As (ug/g AR)	102.04	ICP-MS	142	0.054	<0.0010	<0.0010						1
As (ug/g AR)	102.04	ICP-MS	183	<0.0020	<0.0020	<0.0020						1
As (ug/g AR)	102.04	ICP-MS	122	0.0422	0.0426	0.0424	0.47	0.07				0
As (ug/g AR)	102.04	ICP-MS	106	0.047	0.045	0.046	2.17	0.34				0
As (ug/g AR)	102.04	ICP-MS	196	0.0672	0.0712	0.0771	6.93	1.17				0
As (ug/g AR)	102.04	ICP-MS	194	0.0613	0.0736	0.0686	9.12	1.53				0
As (ug/g AR)	102.04	ICP-MS	214	0.059	0.065	0.083	18.1	3.04				0

Hg (ug/g AR)

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	197	<0.0992	<0.0980	<0.1004						1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.1000	<0.1000	<0.1000						1

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	214	<0.0100	<0.0100	<0.0100						1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200						1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	0.008						1
Hg (ug/g AR)	103.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1
Hg (ug/g AR)	103.04	ICP-MS	106	0.007	0.007	0.007	0	0				0
Hg (ug/g AR)	103.04	ICP-MS	122	0.0171	0.0175	0.0172	1.21	0.16				0

Pb (ug/g AR)

Pb (ug/g AR)	104.02	furnace AA	132	0.4								1
Pb (ug/g AR)	104.04	ICP-MS	141	<0.5000	<0.5000	<0.5000						1
Pb (ug/g AR)	104.04	ICP-MS	122	0.29	0.2901	0.2869	0.63	0.13	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.2677	0.2626	0.2598	1.52	0.31	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.282	0.275	0.292	3.02	0.63	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.276	0.26	0.28	3.89	0.8	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.2332	0.2624	0.2439	5.99	1.22	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	214	0.264	0.248	0.29	7.93	1.63	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.2906	0.2562	0.2459	8.86	1.82	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.31	0.261	0.277	8.84	1.83	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	211	0.304	0.241	0.277	11.5	2.38	6.64	0.63	27.2	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.2235	0.369	0.254	27.2	5.64	6.64	0.63	27.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Cu (ug/g AR)									
Cu (ug/g AR)	105.03	ICP-OES	132	10.8								1
Cu (ug/g AR)	105.04	ICP-MS	214	13.562	13.642	14.288	2.88	1.07				0
Cu (ug/g AR)	105.04	ICP-MS	196	14.4	12.7	14.5	7.3	2.71				0
Cu (ug/g AR)	105.04	ICP-MS	142	18.364	17.272	34.987	42.2	16.97				0
			Ni (ug/g AR)									
Ni (ug/g AR)	106.03	ICP-OES	132	0.8								1
Ni (ug/g AR)	106.04	ICP-MS	196	1.11	1.09	1.12	1.38	0.35				0
Ni (ug/g AR)	106.04	ICP-MS	214	1.021	1.036	1.102	4.09	1.03				0
Ni (ug/g AR)	106.04	ICP-MS	142	1.152	1.082	1.035	5.4	1.37				0
Ni (ug/g AR)	106.04	ICP-MS	141	1.24	1.34	1.2	5.72	1.48				0
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	141	<4.0000	<4.0000	<4.0000						1
Cr (ug/g AR)	107.03	ICP-OES	132	0.2								1
Cr (ug/g AR)	107.04	ICP-MS	197	0.4301	0.4431	0.4328	1.58	0.35				0
Cr (ug/g AR)	107.04	ICP-MS	196	0.517	0.477	0.525	5.08	1.15				0
Cr (ug/g AR)	107.04	ICP-MS	214	0.521	0.445	0.556	11.2	2.53				0
Cr (ug/g AR)	107.04	ICP-MS	142	0.392	0.246	0.279	25	5.25				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	214	<0.1000	0.101	<0.1000						1
Se (ug/g AR)	108.03	ICP-OES	132	0.4								1
Se (ug/g AR)	108.04	ICP-MS	141	<1.0000	<1.0000	<1.0000						1
Se (ug/g AR)	108.04	ICP-MS	197	<0.0992	<0.0980	<0.1004						1
Se (ug/g AR)	108.04	ICP-MS	142	0.06	0.058	0.057	2.62	0.43				0
Se (ug/g AR)	108.04	ICP-MS	196	0.241	0.24	0.227	3.31	0.67				0
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	214	<0.0500	<0.0500	<0.0500						1
Ag (ug/g AR)	109.03	ICP-OES	132	0.088								1
			Ba (ug/g AR)									
Ba (ug/g AR)	110.03	ICP-OES	132	25.6								1
Ba (ug/g AR)	110.04	ICP-MS	214	41.977	41.918	43.107	1.58	0.7				0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.03	ICP-OES	132	44.8								1
Zn (ug/g AR)	111.04	ICP-MS	196	66.3	66.9	67.6	0.97	0.46				0
Zn (ug/g AR)	111.04	ICP-MS	141	54	43.4	59	15.3	6.93				0
Zn (ug/g AR)	111.04	ICP-MS	142	61.901	59.056	128.004	47	22.86				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241						1
Sb (ug/g AR)	112.04	ICP-MS	214	<0.0100	<0.0100	0.013						1
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	108	0.1083	0.1106	0.108	1.31	0.23	6.28	1.31	14.5	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	211	0.122	0.126	0.123	1.68	0.31	6.28	1.31	14.5	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0325	0.0355	0.0355	5.02	0.76	6.28	1.31	14.5	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0691	0.0707	0.0786	6.99	1.18	6.28	1.31	14.5	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	142	0.03	0.0335	0.0281	8.97	1.33	6.28	1.31	14.5	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.4742	0.4424	0.4162	6.54	1.45	6.28	1.31	14.5	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0229	0.0278	0.0307	14.5	2.12	6.28	1.31	14.5	0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	211	0.091	0.093	0.091	1.26	0.22	4.48	0.88	9.81	0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.9287	0.9125	0.9206	0.88	0.22	4.48	0.88	9.81	0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.083	0.0871	0.0877	2.98	0.52	4.48	0.88	9.81	0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0978	0.1026	0.1052	3.69	0.66	4.48	0.88	9.81	0
beta-Caryophyllene (%)	202.02	GC,MS	108	0.124	0.1205	0.1329	5.08	0.93	4.48	0.88	9.81	0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.067	0.0745	0.078	7.68	1.3	4.48	0.88	9.81	0
beta-Caryophyllene (%)	202.02	GC,MS	142	0.1134	0.1361	0.1179	9.81	1.79	4.48	0.88	9.81	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	142	0.0077	0.0082	0.0078	3.35	0.41				0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.013	0.0131	0.0142	4.96	0.65				0
(-)-Caryophyllene oxide	203.02	GC,MS	211	0.025	0.022	0.023	6.55	0.93				0
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0106	0.0126	0.0123	9.11	1.17				0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0164	0.0167	0.0195	9.75	1.33				0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Geraniol (%AR)	204.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Geraniol (%AR)	204.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
Geraniol (%AR)	204.02	GC,MS	183	0	0	0						1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	211	0.042	0.043	0.042	1.36	0.21	4.64	1.36	9.74	0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.3019	0.2924	0.2947	1.67	0.35	4.64	1.36	9.74	0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0274	0.0285	0.0288	2.61	0.38	4.64	1.36	9.74	0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0367	0.0392	0.0392	3.76	0.58	4.64	1.36	9.74	0
alpha-Humulene (%AR)	205.02	GC,MS	196	0.024	0.0272	0.0285	8.72	1.27	4.64	1.36	9.74	0
alpha-Humulene (%AR)	205.02	GC,MS	142	0.0348	0.0418	0.0364	9.74	1.49	4.64	1.36	9.74	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	211	<0.0050	<0.0050	<0.0050						1
d-Limonene (%AR)	206.02	GC,MS	183	0.0161	0.0165	0.0167	1.86	0.25				0
d-Limonene (%AR)	206.02	GC,MS	194	0.0015	0.0015	0.0016	3.77	0.36				0
d-Limonene (%AR)	206.02	GC,MS	196	0.0018	0.0016	0.0016	6.93	0.67				0
d-Limonene (%AR)	206.02	GC,MS	142	0.0016	0.0016	0.0018	6.93	0.67				0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	211	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	142	0.0021	0.002	0.0021	2.79	0.28				0
Linalool (%AR)	207.02	GC,MS	194	0.0019	0.002	0.0021	5	0.49				0
Linalool (%AR)	207.02	GC,MS	183	0.0129	0.0132	0.0144	5.88	0.77				0
Linalool (%AR)	207.02	GC,MS	196	0.0017	0.0019	0.002	8.18	0.8				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	211	0.005	0.005	0.005	0	0				0
beta-Myrcene (%AR)	208.02	GC,MS	196	0.006	0.0062	0.0061	1.64	0.19				0
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0064	0.0067	0.0066	2.33	0.27				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
beta-Myrcene (%AR)	208.02	GC,MS	183	0.0593	0.0616	0.0625	2.7	0.44				0
beta-Myrcene (%AR)	208.02	GC,MS	142	0.0047	0.0046	0.0054	8.9	1				0
Nopinene (%AR)												
Nopinene (%AR)	209.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
Nopinene (%AR)	209.02	GC,MS	183	0.0051	0.0049	0.005	2	0.23				0
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.02	GC,MS	183	0	0	0						1
Ocimene (%AR)	210.04	Other	142	<0.0001	<0.0001	<0.0001						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Ocimene (%AR)	210.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
Ocimene (%AR)	210.02	GC,MS	194	0.0005	0.0005	0.0005	0	0				0
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	211	<0.0050	<0.0050	<0.0050						1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	0.0015	0.0014						1
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0015	0.0015	0.0015	0	0				0
alpha-Pinene (%AR)	211.02	GC,MS	183	0.0151	0.0153	0.0157	1.99	0.27				0
alpha-Pinene (%AR)	211.02	GC,MS	142	0.0017	0.0016	0.002	11.8	1.14				0

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	196	<0.0013	<0.0013	<0.0013						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	0.0006	0.0006	0.0006	0	0				0
(-)-beta-Pinene (%AR)	212.02	GC,MS	142	0.0006	0.0006	0.0007	9.12	0.76				0
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinene (%AR)	213.02	GC,MS	142	<0.0001	<0.0001	0.0001						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.02	GC,MS	183	0.0024	0.0024	0.0026	4.68	0.48				0
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	211	<0.0050	<0.0050	<0.0050						1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
gamma-Terpinene (%A	214.02	GC,MS	142	0.0001	0.0001	0.0001	0	0				0
gamma-Terpinene (%A	214.02	GC,MS	183	0.0019	0.002	0.002	2.94	0.29				0

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	211	<0.0050	<0.0050	<0.0050						1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	142	0.0001	0.0001	0.0001	0	0				0
alpha-Terpinolene (%A	215.02	GC,MS	183	0.0015	0.0016	0.0016	3.69	0.35				0
Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	172	10.263	10.263	10.263	0	0	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	204	5.57	5.57	5.57	0	0	3.7	0	14.3	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.0385	9.0217	9.0407	0.12	0.04	3.7	0	14.3	0
Moisture (%AR)	500.99	Other	165	8.4984	8.426	8.4514	0.43	0.15	3.7	0	14.3	0
Moisture (%AR)	500.99	Other	103	6.63	6.61	6.54	0.72	0.24	3.7	0	14.3	0
Moisture (%AR)	500.50	AOAC 930.15	192	10.2679	10.2921	10.4276	0.83	0.3	3.7	0	14.3	0
Moisture (%AR)	500.99	Other	105	9.94	9.74	9.77	1.1	0.39	3.7	0	14.3	0
Moisture (%AR)	500.72	NIR	187	6.05	6.07	6.22	1.52	0.5	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.2	7.97	7.92	1.86	0.64	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.08	5.85	5.91	2.01	0.66	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.39	7.74	7.71	2.55	0.87	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	212	6.01	6.36	6.11	2.93	0.96	3.7	0	14.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.99	Other	142	5.42	5.74	5.71	3.14	1.02	3.7	0	14.3	0
Moisture (%AR)	500.99	Other	120	7.2891	7.7758	7.4614	3.29	1.11	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.61	8.15	8.04	3.6	1.23	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	211	9.72	9.13	8.93	4.44	1.55	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.99	7.13	7.65	4.79	1.62	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	208	10.18	10.41	9.26	6.12	2.16	3.7	0	14.3	0
Moisture (%AR)	500.99	Other	132	4.82	4.97	5.55	7.54	2.41	3.7	0	14.3	0
Moisture (%AR)	500.72	NIR	138	8.8	7.9	7.6	7.71	2.64	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	209	8.7473	8.6057	7.5594	7.81	2.69	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	109	5.76	6.17	5.21	8.43	2.74	3.7	0	14.3	0
Moisture (%AR)	500.70	Commerc. Anal.	153	4.27	3.65	4.42	9.92	3.07	3.7	0	14.3	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.72	10.79	8.32	14.3	5	3.7	0	14.3	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2723	0.2718	0.2732	0.26	0.05	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2301	0.2284	0.2295	0.38	0.08	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	211	0.246	0.244	0.241	1.03	0.21	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.2301	0.224	0.2226	1.77	0.35	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.2539	0.2558	0.2632	1.91	0.39	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.212	0.209	0.203	2.2	0.44	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	210	0.257	0.253	0.246	2.21	0.45	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	218	0.23	0.224	0.22	2.24	0.45	3.31	0.26	8.93	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%DW)	501.02	AOAC 2018.11,	199	0.2391	0.2358	0.2468	2.35	0.47	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	215	0.2353	0.2357	0.2259	2.39	0.48	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.60	NIR	187	0.21	0.21	0.2	2.79	0.55	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.237	0.235	0.225	2.77	0.56	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2433	0.2324	0.2475	3.23	0.65	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2592	0.2695	0.2527	3.25	0.67	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2964	0.302	0.2808	3.75	0.78	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.2286	0.2109	0.2256	4.27	0.85	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	209	0.2418	0.2611	0.2599	4.25	0.87	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	154	0.2025	0.2114	0.1909	5.1	1	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.10	Other LC-UV	208	0.2204	0.2444	0.2497	6.56	1.32	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.288	0.2508	0.2634	7.08	1.45	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.211	0.248	0.239	8.29	1.67	3.31	0.26	8.93	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	103	0.2196	0.2184	0.2547	8.93	1.8	3.31	0.26	8.93	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.10	Other LC-UV	209	0.1244	0.1247	0.1243	0.17	0.03	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	103	0.1264	0.1274	0.1284	0.78	0.14	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.1296	0.1315	0.1313	0.8	0.15	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.1156	0.1174	0.1172	0.84	0.15	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	199	0.1215	0.1198	0.1198	0.82	0.15	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.1287	0.1257	0.1278	1.21	0.22	3.07	0.17	13.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	218	0.093	0.089	0.091	2.2	0.38	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	211	0.109	0.107	0.104	2.36	0.42	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.1228	0.1183	0.117	2.55	0.46	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.1131	0.1156	0.1088	3.06	0.55	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.128	0.129	0.122	3	0.55	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.11	0.11	0.104	3.21	0.58	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.1071	0.1076	0.1008	3.6	0.64	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	208	0.109	0.1172	0.114	3.64	0.66	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.1516	0.1605	0.1493	3.85	0.73	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.60	NIR	187	0.14	0.15	0.14	4.03	0.75	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	154	0.1056	0.1076	0.096	6.02	1.07	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.1351	0.1253	0.1418	6.19	1.15	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0893	0.096	0.105	8.14	1.44	3.07	0.17	13.1	0
Δ9-THCA (%DW)	502.10	Other LC-UV	215	0.105	0.1361	0.1176	13.1	2.38	3.07	0.17	13.1	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	189	3.5362	3.5409	3.54	0.07	0.02	2.31	0.07	5.33	0
CBD (%DW)	503.02	AOAC 2018.11,	210	2.922	2.922	2.938	0.32	0.09	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	142	3.696	3.6593	3.6256	0.96	0.29	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	204	3.6347	3.5507	3.6057	1.19	0.36	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	118	3.12	3.118	3.044	1.4	0.42	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	196	3.9707	4.033	4.0801	1.36	0.42	2.31	0.07	5.33	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%DW)	503.60	NIR	187	3.17	3.25	3.17	1.44	0.43	2.31	0.07	5.33	0
CBD (%DW)	503.02	AOAC 2018.11,	218	3.19	3.098	3.208	1.86	0.56	2.31	0.07	5.33	0
CBD (%DW)	503.02	AOAC 2018.11,	103	3.5482	3.525	3.654	1.92	0.58	2.31	0.07	5.33	0
CBD (%DW)	503.02	AOAC 2018.11,	199	3.8962	3.8295	3.9897	2.06	0.63	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	109	4.03	3.912	3.87	2.11	0.65	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	172	4.5622	4.6636	4.4084	2.83	0.89	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	211	3.873	3.86	3.662	3.11	0.95	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	116	3.8117	3.9263	3.6733	3.33	1.02	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	208	3.7207	3.9694	3.7817	3.39	1.04	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	215	3.4212	3.3249	3.5632	3.49	1.05	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	209	2.1295	2.2121	2.2996	3.84	1.08	2.31	0.07	5.33	0
CBD (%DW)	503.30	Other LC-MS	105	3.32	3.67	3.55	5.06	1.53	2.31	0.07	5.33	0
CBD (%DW)	503.10	Other LC-UV	154	3.0163	3.2805	2.9775	5.33	1.58	2.31	0.07	5.33	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	189	6.1169	6.1215	6.1199	0.04	0.01	3.49	0.04	8.23	0
CBDA (%DW)	504.02	AOAC 2018.11,	210	7.167	7.168	7.204	0.29	0.1	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	204	6.8937	6.8022	6.8926	0.76	0.26	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	196	7.2749	7.405	7.3537	0.89	0.3	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	109	7.757	7.634	7.496	1.71	0.58	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	142	6.7807	6.6969	6.5146	2.04	0.68	3.49	0.04	8.23	0
CBDA (%DW)	504.02	AOAC 2018.11,	218	6.283	6.005	6.244	2.44	0.8	3.49	0.04	8.23	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.10	Other LC-UV	208	7.1519	7.5015	7.3859	2.42	0.82	3.49	0.04	8.23	0
CBDA (%DW)	504.02	AOAC 2018.11,	199	6.9463	7.2061	7.4011	3.18	1.07	3.49	0.04	8.23	0
CBDA (%DW)	504.60	NIR	187	5.86	6.33	6.14	3.87	1.27	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	118	5.856	6.048	5.56	4.22	1.38	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	172	8.3778	8.6676	8.0012	4	1.38	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	211	6.908	6.89	6.384	4.42	1.47	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	116	6.2401	6.5424	5.9352	4.87	1.6	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	154	5.7063	6.1486	5.4586	6.06	1.97	3.49	0.04	8.23	0
CBDA (%DW)	504.30	Other LC-MS	105	6.8	6.3	7.25	7.01	2.34	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	215	6.624	7.3284	7.6227	7.14	2.4	3.49	0.04	8.23	0
CBDA (%DW)	504.10	Other LC-UV	209	4.448	5.2441	4.938	8.23	2.62	3.49	0.04	8.23	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	116	<0.0400	<0.0400	<0.0400						1
CBN (%DW)	505.02	AOAC 2018.11,	210	<0.0140	<0.0140	<0.0140						1
CBN (%DW)	505.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205						1
CBN (%DW)	505.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
CBN (%DW)	505.10	Other LC-UV	211	<0.0100	<0.0100	<0.0100						1
CBN (%DW)	505.30	GC-FID	116	<0.0400	<0.0400	<0.0400						1
CBN (%DW)	505.20	Other LC-MS	105	<0.0144	<0.0144	<0.0144						1
CBN (%DW)	505.10	Other LC-UV	189	0.0185	0.0184	0.0186	0.54	0.07	6.6	0.54	15.5	0

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	204	0.0168	0.0166	0.0167	0.6	0.08	6.6	0.54	15.5	0
CBN (%DW)	505.10	Other LC-UV	142	0.0143	0.0141	0.0137	2.18	0.29	6.6	0.54	15.5	0
CBN (%DW)	505.02	AOAC 2018.11,	218	0.018	0.017	0.018	3.27	0.45	6.6	0.54	15.5	0
CBN (%DW)	505.10	Other LC-UV	154	0.0193	0.0192	0.017	7.03	0.97	6.6	0.54	15.5	0
CBN (%DW)	505.10	Other LC-UV	109	0.016	0.015	0.018	9.35	1.26	6.6	0.54	15.5	0
CBN (%DW)	505.10	Other LC-UV	209	0.017	0.0129	0.0141	14.4	1.91	6.6	0.54	15.5	0
CBN (%DW)	505.10	Other LC-UV	192	0.0456	0.045	0.0586	15.5	2.47	6.6	0.54	15.5	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.386	0.3871	0.3884	0.31	0.07	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.343	0.3387	0.3416	0.64	0.14	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.3531	0.3571	0.3586	0.8	0.17	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.3304	0.3253	0.3237	1.07	0.23	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	211	0.341	0.337	0.332	1.34	0.29	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	199	0.3457	0.3409	0.3519	1.59	0.34	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	218	0.311	0.302	0.3	1.93	0.4	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.324	0.3183	0.311	2.05	0.43	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3606	0.3725	0.3556	2.39	0.51	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.308	0.305	0.294	2.44	0.51	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.3656	0.3611	0.3806	2.77	0.6	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.349	0.348	0.331	2.95	0.63	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.33	0.34	0.32	3.03	0.64	3.36	0.31	10.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%DW)	506.10	Other LC-UV	209	0.3509	0.3704	0.369	2.99	0.64	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.3206	0.3145	0.3013	3.16	0.67	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.4293	0.4427	0.4118	3.62	0.8	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.3617	0.3422	0.3718	4.2	0.9	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.3274	0.355	0.329	4.6	0.98	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.2951	0.3057	0.2751	5.32	1.11	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	208	0.316	0.3471	0.3497	5.55	1.18	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2989	0.2949	0.3273	5.75	1.21	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.3957	0.3545	0.366	5.71	1.23	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	103	0.3304	0.3302	0.3672	6.22	1.33	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.289	0.332	0.331	7.73	1.63	3.36	0.31	10.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.3529	0.2941	0.3603	10.8	2.3	3.36	0.31	10.8	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	189	8.9008	8.9094	8.9072	0.05	0.02	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	204	9.6804	9.5162	9.6506	0.91	0.32	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	192	8.8952	8.9271	9.0608	0.98	0.34	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	196	10.3507	10.5272	10.5293	0.98	0.35	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	142	9.6427	9.5325	9.3389	1.62	0.57	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	109	10.833	10.607	10.444	1.84	0.66	3.1	0.05	7.44	0
Total CBD (%DW)	507.02	AOAC 2018.11,	218	8.701	8.364	8.684	2.21	0.77	3.1	0.05	7.44	0
Total CBD (%DW)	507.02	AOAC 2018.11,	199	9.9881	10.1492	10.4805	2.46	0.87	3.1	0.05	7.44	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%DW)	507.10	Other LC-UV	208	9.9929	10.5482	10.2591	2.71	0.96	3.1	0.05	7.44	0
Total CBD (%DW)	507.60	NIR	187	8.31	8.81	8.55	2.92	1.01	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	118	8.256	8.422	7.921	3.11	1.07	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	172	11.9096	12.2651	11.4255	3.55	1.29	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	211	9.931	9.903	9.261	3.91	1.38	3.1	0.05	7.44	0
Total CBD (%DW)	507.30	Other LC-MS	105	9.28	9.2	9.91	4.11	1.44	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	116	9.2843	9.664	8.8785	4.24	1.48	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	215	9.2304	9.7519	10.2484	5.22	1.84	3.1	0.05	7.44	0
Total CBD (%DW)	507.10	Other LC-UV	154	8.0208	8.6729	7.7647	5.74	1.97	3.1	0.05	7.44	0
Total CBD (%DW)	507.40	GC-FID	116	8.9932	8.33	9.4183	6.15	2.14	3.1	0.05	7.44	0
Total CBD (%DW)	507.40	GC-FID	138	9.0585	10.4835	10.0824	7.44	2.63	3.1	0.05	7.44	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	211	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	189	0.0215	0.0213	0.0217	0.93	0.13				0
CBDV (%DW)	508.02	AOAC 2018.11,	210	0.027	0.025	0.026	3.85	0.56				0
CBDV (%DW)	508.99	Other	154	0.0411	0.043	0.0399	3.78	0.59				0
CBDV (%DW)	508.99	Other	196	0.0259	0.0265	0.0289	5.86	0.85				0
CBDV (%DW)	508.99	Other	208	0.082	0.104	0.0919	11.9	2.09				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		CBDVA (%DW)										
CBDVA (%DW)	509.99	Other	196	0.0697	0.0718	0.0706	1.49	0.25				0
CBDVA (%DW)	509.02	AOAC 2018.11,	210	0.072	0.07	0.07	1.63	0.28				0
CBDVA (%DW)	509.99	Other	154	0.0646	0.0674	0.0601	5.75	0.95				0
CBDVA (%DW)	509.99	Other	208	0.1223	0.2053	0.1246	31.4	5.92				0
		CBG (%DW)										
CBG (%DW)	510.99	Other	189	0.1633	0.1629	0.1632	0.13	0.02	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	142	0.1339	0.1313	0.1302	1.44	0.27	5.82	0.13	40.8	0
CBG (%DW)	510.02	AOAC 2018.11,	210	0.125	0.127	0.13	1.98	0.36	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	196	0.122	0.1245	0.1274	2.17	0.4	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	208	0.1415	0.1438	0.1377	2.18	0.41	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	204	0.1587	0.152	0.1592	2.57	0.49	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	109	0.13	0.124	0.135	4.25	0.78	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	105	0.125	0.104	0.136	13.4	2.44	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	211	0.139	0.139	0.108	13.9	2.56	5.82	0.13	40.8	0
CBG (%DW)	510.99	Other	154	0.0658	0.1592	0.1443	40.8	7.46	5.82	0.13	40.8	0
		CBGA (%DW)										
CBGA (%DW)	511.99	Other	189	0.3206	0.3195	0.3203	0.18	0.04	3.08	0.18	14.6	0
CBGA (%DW)	511.99	Other	196	0.3193	0.3257	0.3283	1.43	0.3	3.08	0.18	14.6	0
CBGA (%DW)	511.02	AOAC 2018.11,	210	0.28	0.271	0.277	1.66	0.34	3.08	0.18	14.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%DW)	511.99	Other	204	0.321	0.3139	0.3243	1.66	0.35	3.08	0.18	14.6	0
CBGA (%DW)	511.99	Other	142	0.3249	0.3257	0.3113	2.52	0.53	3.08	0.18	14.6	0
CBGA (%DW)	511.99	Other	208	0.3219	0.3354	0.3409	2.94	0.62	3.08	0.18	14.6	0
CBGA (%DW)	511.99	Other	109	0.387	0.365	0.357	4.2	0.91	3.08	0.18	14.6	0
CBGA (%DW)	511.99	Other	154	0.239	0.2563	0.2266	6.2	1.25	3.08	0.18	14.6	0
CBGA (%DW)	511.99	Other	211	0.312	0.314	0.24	14.6	3.04	3.08	0.18	14.6	0

THCV (%DW)

THCV (%DW)	512.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%DW)	512.99	Other	208	<0.0500	<0.0500	<0.0500						1
THCV (%DW)	512.99	Other	211	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	189	<0.0001	<0.0001	<0.0001						1
THCV (%DW)	512.02	AOAC 2018.11,	210	<0.0170	<0.0170	<0.0170						1
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	109	<0.0100	<0.0100	<0.0100						1

Δ8-THC (%DW)

Δ8-THC (%DW)	513.99	Other	109	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%DW)	513.99	Other	211	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	208	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%DW)	513.02	AOAC 2018.11,	210	<0.0140	<0.0140	<0.0140						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%DW)	513.02	AOAC 2018.11,	118	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	189	0.0105	0.0098	0.0092	6.62	0.83				0
CBC (%DW)												
CBC (%DW)	514.99	Other	189	0.2732	0.2741	0.2742	0.2	0.04	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	196	0.2972	0.299	0.2955	0.59	0.12	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	204	0.2815	0.2766	0.2781	0.9	0.19	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	142	0.2586	0.2528	0.2493	1.85	0.38	3.39	0.2	7.07	0
CBC (%DW)	514.02	AOAC 2018.11,	103	0.242	0.2441	0.2525	2.26	0.46	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	109	0.302	0.292	0.284	3.08	0.64	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	208	0.2467	0.2725	0.2531	5.22	1.07	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	154	0.2252	0.2494	0.2269	5.78	1.16	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	105	0.28	0.245	0.255	6.93	1.42	3.39	0.2	7.07	0
CBC (%DW)	514.99	Other	211	0.282	0.274	0.246	7.07	1.45	3.39	0.2	7.07	0

1. Flag definitions: 1 (Lab RSDr not calculated because there were less than 3 numeric lab results)

2. Statistical parameters of robust mean, minimum, and maximum for RSDr only shown only if there were 6 or more lab RSDr values.

3. AR refers to concentration on as-received basis. DW refers to concentration on dry weight basis.c