

Hemp Proficiency Testing

All Labs Trueness

HM21SEP-1 (hemp)



Sample: HM21SEP-1 (hemp)

All Labs Trueness

Issue Date: October 24, 2021

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.172	0.174	0.172	0.173	-1.99	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1723	0.1701	0.1813	0.175	-1.9	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.1811	0.1765	0.1839	0.181	-1.63	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.183	0.186	0.183	0.184	-1.47	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	108	0.1907	0.1877	0.1822	0.187	-1.34	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	161	0.1826	0.1944	0.1865	0.188	-1.3	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1932	0.1904	0.1867	0.19	-1.19	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.1863	0.2001	0.1948	0.194	-1.03	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.195	0.2002	0.1876	0.194	-1	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.1958	0.1921	0.1969	0.195	-0.97	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2004	0.1983	0.1871	0.195	-0.96	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.60	NIR	187	0.2	0.2	0.19	0.197	-0.89	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	214	0.2	0.2	0.19	0.197	-0.89	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	125	0.193	0.201	0.212	0.202	-0.65	0.2163	51	0.0219	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2108	0.1944	0.208	0.204	-0.54	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.21	0.209	0.206	0.208	-0.36	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2182	0.2079	0.2088	0.212	-0.21	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.2176	0.2111	0.2099	0.213	-0.16	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.21	0.22	0.21	0.213	-0.13	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	215	0.2159	0.2162	0.2072	0.213	-0.14	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.2103	0.2102	0.2174	0.213	-0.17	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.213	0.214	0.216	0.214	-0.09	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	208	0.198	0.219	0.2266	0.215	-0.08	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.205	0.204	0.238	0.216	-0.03	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.2173	0.2157	0.2167	0.217	0.01	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1997	0.2277	0.227	0.218	0.08	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	199	0.2175	0.2145	0.2245	0.219	0.12	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.223	0.22	0.213	0.219	0.11	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.225	0.222	0.213	0.22	0.17	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2226	0.2128	0.2266	0.221	0.2	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	211	0.223	0.221	0.219	0.221	0.22	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.2193	0.219	0.2268	0.222	0.25	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.23	0.22	0.22	0.223	0.32	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.2245	0.2198	0.2284	0.224	0.36	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.2253	0.2221	0.2265	0.225	0.38	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.99	Other	183	0.2214	0.2275	0.2282	0.226	0.43	0.2163	51	0.0219	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2295	0.2276	0.2231	0.227	0.48	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.223	0.229	0.233	0.228	0.55	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.99	Other	132	0.224	0.231	0.235	0.23	0.63	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2275	0.2248	0.24	0.231	0.66	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.2358	0.2365	0.229	0.234	0.8	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	209	0.2228	0.2405	0.2394	0.234	0.82	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.245	0.237	0.233	0.238	1.01	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.2361	0.2375	0.2431	0.239	1.03	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.03	AOAC 2018.11,	139	0.2436	0.2411	0.2389	0.241	1.14	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2346	0.2442	0.2441	0.241	1.13	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2434	0.2537	0.2378	0.245	1.31	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.267	0.2313	0.2438	0.247	1.42	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.266	0.271	0.252	0.263	2.13	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	152	0.2632	0.2728	0.2828	0.273	2.58	0.2163	51	0.0219	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.3259	0.2413	0.3343	0.301	3.84	0.2163	51	0.0219	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.073	0.072	0.06	0.0683	-2.73	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0778	0.0561	0.0904	0.0748	-2.28	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0582	0.0925	0.0809	0.0772	-2.12	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0724	0.0816	0.0869	0.0803	-1.9	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	108	0.0864	0.0858	0.081	0.0844	-1.62	0.1079	52	0.0145	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	161	0.0823	0.0919	0.0833	0.0858	-1.52	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0885	0.0883	0.0928	0.0899	-1.24	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	216	0.0934	0.0936	0.0913	0.0928	-1.04	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.095	0.095	0.094	0.0947	-0.91	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.0956	0.0934	0.0955	0.0948	-0.9	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	211	0.099	0.097	0.094	0.0967	-0.77	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.99	Other	132	0.098	0.102	0.094	0.098	-0.68	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	207	0.104	0.1	0.091	0.0983	-0.66	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	197	0.0959	0.0988	0.099	0.0979	-0.69	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.1013	0.1014	0.095	0.0992	-0.6	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.1063	0.0963	0.0983	0.1	-0.52	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	208	0.0979	0.105	0.1034	0.102	-0.4	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.1094	0.0986	0.1038	0.104	-0.27	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.1052	0.1074	0.1005	0.104	-0.24	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.104	0.107	0.108	0.106	-0.11	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	152	0.1091	0.1024	0.1075	0.106	-0.11	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.1155	0.101	0.1022	0.106	-0.11	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.1065	0.1049	0.1092	0.107	-0.07	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.105	0.109	0.106	0.107	-0.08	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.107	0.109	0.108	0.108	0.01	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	199	0.1105	0.109	0.109	0.109	0.11	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.1086	0.1106	0.1103	0.11	0.14	0.1079	52	0.0145	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.10	Other LC-UV	215	0.0964	0.1248	0.1078	0.11	0.12	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	214	0.11	0.11	0.11	0.11	0.15	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.1092	0.1106	0.1094	0.11	0.13	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.1139	0.1091	0.1082	0.11	0.17	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11,	139	0.1101	0.1105	0.1127	0.111	0.22	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.112	0.113	0.108	0.111	0.22	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.1126	0.1179	0.1054	0.112	0.28	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.1037	0.117	0.1158	0.112	0.3	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.1138	0.1174	0.1122	0.114	0.46	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.113	0.116	0.114	0.114	0.45	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	209	0.1145	0.1148	0.1145	0.115	0.46	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.1142	0.1178	0.1212	0.118	0.68	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	194	0.1218	0.1152	0.1169	0.118	0.7	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	210	0.124	0.117	0.116	0.119	0.77	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.118	0.119	0.12	0.119	0.77	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.12	0.121	0.116	0.119	0.77	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.1215	0.1187	0.1207	0.12	0.86	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	125	0.119	0.125	0.122	0.122	0.98	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.1236	0.1147	0.1298	0.123	1.02	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.99	Other	183	0.1204	0.1287	0.1311	0.127	1.3	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.1263	0.1247	0.1311	0.127	1.35	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.13	0.13	0.13	0.13	1.53	0.1079	52	0.0145	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.60	NIR	187	0.13	0.14	0.13	0.133	1.76	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.136	0.144	0.134	0.138	2.08	0.1079	52	0.0145	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.1776	0.1754	0.1819	0.178	4.86	0.1079	52	0.0145	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	209	1.9615	2.0375	2.1181	2.04	-5.54	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	155	2.95	2.93	3.13	3	-1.72	3.4378	41	0.2524	0
CBD (%AR)	003.60	NIR	187	2.98	3.06	2.97	3	-1.72	3.4378	41	0.2524	0
CBD (%AR)	003.02	AOAC 2018.11,	161	2.9369	3.0876	3.1419	3.06	-1.52	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	184	3.1882	3.0407	3.1587	3.13	-1.22	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	215	3.1381	3.0498	3.2684	3.15	-1.13	3.4378	41	0.2524	0
CBD (%AR)	003.02	AOAC 2018.11,	214	3.21	3.29	3.12	3.21	-0.92	3.4378	41	0.2524	0
CBD (%AR)	003.01	AOAC 2018.10	152	3.0991	3.2387	3.2784	3.21	-0.92	3.4378	41	0.2524	0
CBD (%AR)	003.99	Other	132	3.206	3.195	3.322	3.24	-0.78	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	191	3.2825	3.3017	3.1708	3.25	-0.74	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	149	3.247	3.319	3.187	3.25	-0.74	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	141	3.3957	3.3703	3.2182	3.33	-0.43	3.4378	41	0.2524	0
CBD (%AR)	003.02	AOAC 2018.11,	125	3.23	3.37	3.4	3.33	-0.41	3.4378	41	0.2524	0
CBD (%AR)	003.30	Other LC-MS	122	3.3617	3.3476	3.312	3.34	-0.39	3.4378	41	0.2524	0
CBD (%AR)	003.02	AOAC 2018.11,	103	3.313	3.292	3.415	3.34	-0.39	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	200	3.434	3.475	3.208	3.37	-0.26	3.4378	41	0.2524	0
CBD (%AR)	003.03	AOAC 2018.11,	139	3.4059	3.375	3.3557	3.38	-0.23	3.4378	41	0.2524	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	204	3.4322	3.3529	3.4049	3.4	-0.16	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	208	3.3419	3.5562	3.4315	3.44	0.02	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	211	3.514	3.503	3.323	3.45	0.04	3.4378	41	0.2524	0
CBD (%AR)	003.30	Other LC-MS	164	3.5642	3.38	3.4077	3.45	0.05	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	142	3.4957	3.4493	3.4186	3.45	0.07	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	194	3.5104	3.4094	3.4526	3.46	0.08	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	162	3.5422	3.417	3.4879	3.48	0.18	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	113	3.503	3.417	3.556	3.49	0.21	3.4378	41	0.2524	0
CBD (%AR)	003.02	AOAC 2018.11,	108	3.575	3.408	3.479	3.49	0.2	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	106	3.52	3.6	3.38	3.5	0.25	3.4378	41	0.2524	0
CBD (%AR)	003.02	AOAC 2018.11,	199	3.544	3.484	3.629	3.55	0.45	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	116	3.58	3.6966	3.4562	3.58	0.55	3.4378	41	0.2524	0
CBD (%AR)	003.30	Other LC-MS	149	4.002	3.502	3.25	3.58	0.58	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	212	3.6206	3.7664	3.416	3.6	0.65	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	192	3.5633	3.6338	3.6919	3.63	0.76	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	207	3.834	3.72	3.382	3.65	0.82	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	197	3.6742	3.7263	3.6009	3.67	0.91	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	163	3.737	3.582	3.784	3.7	1.04	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	109	3.798	3.67	3.669	3.71	1.09	3.4378	41	0.2524	0
CBD (%AR)	003.99	Other	183	3.5996	3.8952	3.6903	3.73	1.15	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	196	3.6931	3.7455	3.768	3.74	1.18	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	216	3.8279	3.8266	3.7559	3.8	1.45	3.4378	41	0.2524	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	144	3.9277	3.6896	3.9032	3.84	1.59	3.4378	41	0.2524	0
CBD (%AR)	003.10	Other LC-UV	172	4.094	4.185	3.956	4.08	2.54	3.4378	41	0.2524	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	209	4.097	4.8303	4.5483	4.49	-2.93	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	192	5.0382	4.9881	5.0445	5.02	-2.03	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	155	5.36	5.2	5.6	5.39	-1.42	6.2259	39	0.5923	0
CBDA (%AR)	004.99	Other	132	5.353	5.419	5.532	5.43	-1.34	6.2259	39	0.5923	0
CBDA (%AR)	004.02	AOAC 2018.11,	161	5.3622	5.6893	5.7335	5.59	-1.07	6.2259	39	0.5923	0
CBDA (%AR)	004.30	Other LC-MS	164	5.8501	5.5106	5.4777	5.61	-1.04	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	184	5.7678	5.5804	5.8364	5.73	-0.84	6.2259	39	0.5923	0
CBDA (%AR)	004.60	NIR	187	5.51	5.95	5.76	5.74	-0.82	6.2259	39	0.5923	0
CBDA (%AR)	004.02	AOAC 2018.11,	152	5.6985	5.8386	5.7258	5.75	-0.8	6.2259	39	0.5923	0
CBDA (%AR)	004.03	AOAC 2018.11,	139	5.7256	5.884	5.862	5.82	-0.68	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	116	5.8607	6.1597	5.5844	5.87	-0.6	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	212	5.9201	6.1689	5.5875	5.89	-0.56	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	200	5.914	6.112	5.653	5.89	-0.56	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	141	6.2229	6.0153	5.6982	5.98	-0.42	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	149	5.872	6.192	5.98	6.01	-0.36	6.2259	39	0.5923	0
CBDA (%AR)	004.02	AOAC 2018.11,	125	5.87	6.3	5.95	6.04	-0.31	6.2259	39	0.5923	0
CBDA (%AR)	004.02	AOAC 2018.11,	214	6.08	6.18	5.97	6.08	-0.25	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	211	6.268	6.252	5.793	6.1	-0.21	6.2259	39	0.5923	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	162	6.3685	6.0312	6.1884	6.2	-0.05	6.2259	39	0.5923	0
CBDA (%AR)	004.30	Other LC-MS	149	6.099	5.969	6.689	6.25	0.04	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	194	6.3755	6.1359	6.2672	6.26	0.06	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	142	6.4132	6.3125	6.1426	6.29	0.11	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	207	6.607	6.441	5.869	6.31	0.13	6.2259	39	0.5923	0
CBDA (%AR)	004.30	Other LC-MS	122	6.3821	6.3352	6.3522	6.36	0.22	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	204	6.5097	6.4233	6.5087	6.48	0.43	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	106	6.6	6.46	6.49	6.52	0.49	6.2259	39	0.5923	0
CBDA (%AR)	004.02	AOAC 2018.11,	108	6.733	6.411	6.464	6.54	0.52	6.2259	39	0.5923	0
CBDA (%AR)	004.02	AOAC 2018.11,	199	6.3185	6.556	6.732	6.54	0.52	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	144	6.848	6.3151	6.5373	6.57	0.58	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	215	6.0759	6.722	6.992	6.6	0.63	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	208	6.4238	6.7206	6.702	6.62	0.66	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	197	6.5946	6.7194	6.7581	6.69	0.78	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	196	6.7663	6.877	6.7911	6.81	0.99	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	191	6.9012	6.9721	6.6362	6.84	1.03	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	163	7.026	6.838	6.924	6.93	1.19	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	216	7.0611	7.2591	6.8995	7.07	1.43	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	109	7.31	7.163	7.105	7.19	1.63	6.2259	39	0.5923	0
CBDA (%AR)	004.99	Other	183	7.0305	7.5002	7.2254	7.25	1.73	6.2259	39	0.5923	0
CBDA (%AR)	004.10	Other LC-UV	172	7.518	7.778	7.18	7.49	2.14	6.2259	39	0.5923	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBN (%AR)									
CBN (%AR)	005.10	Other LC-UV	211	<0.0100	<0.0100	<0.0100	<0.0100					1
CBN (%AR)	005.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBN (%AR)	005.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250	<0.0250					1
CBN (%AR)	005.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250	<0.0250					1
CBN (%AR)	005.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBN (%AR)	005.10	Other LC-UV	116	<0.0400	<0.0400	<0.0400	<0.0400					1
CBN (%AR)	005.30	GC-FID	116	<0.0400	<0.0400	<0.0400	<0.0400					1
CBN (%AR)	005.10	Other LC-UV	216	<0.0437	<0.0493	<0.0513	<0.0437					1
CBN (%AR)	005.10	Other LC-UV	197	<0.0495	<0.0485	<0.0476	<0.0495					1
CBN (%AR)	005.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.02	AOAC 2018.11,	108	0	0	0	0					2
CBN (%AR)	005.99	Other	132	0.011	0.012	0.012	0.0117	-0.99	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	142	0.0135	0.0133	0.0129	0.0132	-0.73	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	144	0.0136	0.0134	0.0133	0.0134	-0.7	0.0177	21	0.0061	0
CBN (%AR)	005.20	Other LC-MS	122	0.0129	0.013	0.0129	0.0129	-0.78	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	209	0.0156	0.0119	0.013	0.0135	-0.69	0.0177	21	0.0061	0
CBN (%AR)	005.20	Other LC-MS	149	0.015	0.012	0.015	0.014	-0.61	0.0177	21	0.0061	0
CBN (%AR)	005.03	AOAC 2018.11,	139	0.0147	0.0146	0.0121	0.0138	-0.64	0.0177	21	0.0061	0
CBN (%AR)	005.02	AOAC 2018.11,	125	0.0058	0.0071	0.0278	0.0136	-0.68	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	162	0.014	0.0147	0.0136	0.0141	-0.59	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	109	0.015	0.014	0.017	0.0153	-0.39	0.0177	21	0.0061	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%AR)	005.10	Other LC-UV	200	0.016	0.016	0.016	0.016	-0.28	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	204	0.0159	0.0157	0.0158	0.0158	-0.31	0.0177	21	0.0061	0
CBN (%AR)	005.99	Other	183	0.0155	0.0161	0.0156	0.0157	-0.32	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	207	0.018	0.017	0.016	0.017	-0.12	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	106	0.02	0.02	0.02	0.02	0.37	0.0177	21	0.0061	0
CBN (%AR)	005.02	AOAC 2018.11,	214	0.02	0.02	0.02	0.02	0.37	0.0177	21	0.0061	0
CBN (%AR)	005.30	GC-FID	163	0.025	0.026	0.022	0.0243	1.08	0.0177	21	0.0061	0
CBN (%AR)	005.30	GC-FID	138	0.0396	0.0347	0.0118	0.0287	1.8	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	192	0.0409	0.0404	0.0525	0.0446	4.4	0.0177	21	0.0061	0
CBN (%AR)	005.30	GC-FID	185	0.0448	0.0511	0.0784	0.0581	6.61	0.0177	21	0.0061	0
CBN (%AR)	005.10	Other LC-UV	141	0.1004	0.0699	0.1055	0.0919	12.14	0.0177	21	0.0061	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	185	0.2054	0.2261	0.2142	0.215	-2.95	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.247	0.238	0.233	0.239	-2.23	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2558	0.241	0.2645	0.254	-1.79	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	108	0.2665	0.263	0.2533	0.261	-1.58	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	161	0.2548	0.275	0.2596	0.263	-1.51	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.2498	0.2717	0.271	0.264	-1.48	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.264	0.27	0.265	0.266	-1.41	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.2777	0.2742	0.277	0.276	-1.11	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.2773	0.277	0.2735	0.276	-1.13	0.3134	59	0.0333	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.272	0.2791	0.2855	0.279	-1.04	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.289	0.2867	0.2799	0.285	-0.85	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2963	0.2888	0.2772	0.287	-0.78	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.3124	0.2818	0.2738	0.289	-0.72	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	214	0.29	0.29	0.29	0.29	-0.7	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.29	0.3	0.29	0.293	-0.6	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2861	0.2841	0.3128	0.294	-0.57	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.3064	0.3	0.2932	0.3	-0.41	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.301	0.303	0.301	0.302	-0.35	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	208	0.2838	0.311	0.3173	0.304	-0.28	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2929	0.3122	0.3132	0.306	-0.22	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	211	0.31	0.306	0.301	0.306	-0.23	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3111	0.3063	0.3046	0.307	-0.18	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.99	Other	181	0.28	0.32	0.32	0.307	-0.2	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.3083	0.3017	0.3121	0.307	-0.18	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	125	0.298	0.311	0.318	0.309	-0.13	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.3243	0.2703	0.3311	0.309	-0.14	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.3003	0.3256	0.3018	0.309	-0.12	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.317	0.3113	0.3013	0.31	-0.11	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.31	0.32	0.3	0.31	-0.1	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.312	0.314	0.311	0.312	-0.03	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.302	0.334	0.302	0.313	-0.02	0.3134	59	0.0333	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	199	0.3144	0.3101	0.3201	0.315	0.05	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.99	Other	132	0.31	0.321	0.318	0.316	0.09	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.32	0.32	0.31	0.317	0.1	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	103	0.3085	0.3084	0.3432	0.32	0.2	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.3239	0.3198	0.3226	0.322	0.26	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.329	0.326	0.314	0.323	0.29	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.3253	0.3246	0.319	0.323	0.29	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.3211	0.3195	0.3324	0.324	0.33	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.3317	0.323	0.3201	0.325	0.35	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	207	0.337	0.325	0.313	0.325	0.35	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.3321	0.3231	0.3291	0.328	0.44	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.331	0.3134	0.3404	0.328	0.45	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.321	0.324	0.3409	0.329	0.46	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.3284	0.3317	0.3312	0.33	0.51	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	209	0.3232	0.3412	0.3399	0.335	0.64	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.99	Other	183	0.327	0.3403	0.3431	0.337	0.7	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	139	0.3402	0.338	0.3377	0.339	0.76	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3387	0.3507	0.3345	0.341	0.84	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.3669	0.327	0.3387	0.344	0.93	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.3347	0.3475	0.3504	0.344	0.93	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3505	0.3477	0.3644	0.354	1.23	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.17	0.41	0.5	0.36	1.4	0.3134	59	0.0333	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.357	0.361	0.372	0.363	1.5	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.3941	0.2905	0.4136	0.366	1.58	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	152	0.3589	0.3751	0.3771	0.37	1.71	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.385	0.3653	0.366	0.372	1.77	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.3853	0.3973	0.3695	0.384	2.12	0.3134	59	0.0333	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.51	0.5	0.47	0.493	5.41	0.3134	59	0.0333	0

Total CBD (%AR)

Total CBD (%AR)	007.02	AOAC 2018.11,	214	3.44	3.51	3.34	3.43	-7.39	8.8595	42	0.7346	0
Total CBD (%AR)	007.40	GC-FID	185	7.304	7.336	7.305	7.32	-2.1	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	155	7.65	7.49	8	7.71	-1.56	8.8595	42	0.7346	0
Total CBD (%AR)	007.40	GC-FID	169	7.9868	7.4644	8.1455	7.87	-1.35	8.8595	42	0.7346	0
Total CBD (%AR)	007.02	AOAC 2018.11,	161	7.6396	8.0771	8.1702	7.96	-1.22	8.8595	42	0.7346	0
Total CBD (%AR)	007.99	Other	132	7.905	7.951	8.178	8.01	-1.15	8.8595	42	0.7346	0
Total CBD (%AR)	007.60	NIR	187	7.81	8.27	8.02	8.03	-1.12	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	192	7.9819	8.0084	8.116	8.04	-1.12	8.8595	42	0.7346	0
Total CBD (%AR)	007.02	AOAC 2018.11,	152	8.0967	8.3591	8.2999	8.25	-0.83	8.8595	42	0.7346	0
Total CBD (%AR)	007.40	GC-FID	116	8.468	7.8427	8.8616	8.39	-0.64	8.8595	42	0.7346	0
Total CBD (%AR)	007.60	NIR	138	5.87	9.32	10.09	8.43	-0.59	8.8595	42	0.7346	0
Total CBD (%AR)	007.03	AOAC 2018.11,	139	8.4273	8.5353	8.4967	8.49	-0.51	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	149	8.397	8.75	8.431	8.53	-0.45	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	200	8.62	8.84	8.17	8.54	-0.43	8.8595	42	0.7346	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.10	Other LC-UV	141	8.8533	8.6457	8.2156	8.57	-0.39	8.8595	42	0.7346	0
Total CBD (%AR)	007.02	AOAC 2018.11,	125	8.37	8.9	8.62	8.63	-0.31	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	116	8.7198	9.0986	8.3538	8.72	-0.18	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	212	8.8126	9.1765	8.3163	8.77	-0.12	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	211	9.011	8.986	8.404	8.8	-0.08	8.8595	42	0.7346	0
Total CBD (%AR)	007.30	Other LC-MS	122	8.9588	8.9036	8.8829	8.92	0.08	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	162	9.1274	8.7063	8.9152	8.92	0.08	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	215	8.4667	8.9449	9.4004	8.94	0.11	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	194	9.1018	8.7906	8.949	8.95	0.12	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	142	9.1201	8.9854	8.8057	8.97	0.15	8.8595	42	0.7346	0
Total CBD (%AR)	007.30	Other LC-MS	164	9.4143	8.8906	8.8853	9.06	0.28	8.8595	42	0.7346	0
Total CBD (%AR)	007.40	GC-FID	138	8.3248	9.6343	9.2657	9.07	0.29	8.8595	42	0.7346	0
Total CBD (%AR)	007.30	Other LC-MS	149	9.352	8.736	9.116	9.07	0.28	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	204	9.1412	8.9861	9.113	9.08	0.3	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	207	9.628	9.369	8.529	9.18	0.43	8.8595	42	0.7346	0
Total CBD (%AR)	007.02	AOAC 2018.11,	108	9.48	9.03	9.148	9.22	0.49	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	208	8.9756	9.4501	9.3091	9.24	0.52	8.8595	42	0.7346	0
Total CBD (%AR)	007.40	GC-FID	163	9	9.381	9.339	9.24	0.52	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	191	9.3348	9.4163	8.9907	9.25	0.53	8.8595	42	0.7346	0
Total CBD (%AR)	007.02	AOAC 2018.11,	199	9.0853	9.2336	9.533	9.28	0.58	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	197	9.4577	9.6192	9.5278	9.53	0.92	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	144	9.9348	9.2292	9.6377	9.6	1.01	8.8595	42	0.7346	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.10	Other LC-UV	196	9.6272	9.7766	9.7238	9.71	1.16	8.8595	42	0.7346	0
Total CBD (%AR)	007.40	GC-FID	170	9.917	9.48	9.776	9.72	1.18	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	109	10.209	9.953	9.9	10	1.58	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	216	10.0205	10.1928	9.8068	10	1.56	8.8595	42	0.7346	0
Total CBD (%AR)	007.99	Other	183	9.7653	10.4729	10.027	10.1	1.67	8.8595	42	0.7346	0
Total CBD (%AR)	007.10	Other LC-UV	172	10.6873	11.0063	10.2529	10.6	2.44	8.8595	42	0.7346	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%AR)	008.99	Other	211	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%AR)	008.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBDV (%AR)	008.99	Other	216	<0.0437	<0.0493	<0.0513	<0.0437					1
CBDV (%AR)	008.99	Other	197	<0.0495	<0.0485	<0.0476	<0.0495					1
CBDV (%AR)	008.02	AOAC 2018.11,	108	0	0	0	0					2
CBDV (%AR)	008.02	AOAC 2018.11,	214	0.02	0.02	0.02	0.02	-1	0.0328	9	0.0128	0
CBDV (%AR)	008.99	Other	207	0.024	0.023	0.023	0.0233	-0.74	0.0328	9	0.0128	0
CBDV (%AR)	008.99	Other	196	0.0241	0.0246	0.0267	0.0251	-0.6	0.0328	9	0.0128	0
CBDV (%AR)	008.99	Other	149	0.027	0.028	0.028	0.0277	-0.4	0.0328	9	0.0128	0
CBDV (%AR)	008.99	Other	132	0.024	0.023	0.046	0.031	-0.14	0.0328	9	0.0128	0
CBDV (%AR)	008.99	Other	200	0.032	0.031	0.029	0.0307	-0.17	0.0328	9	0.0128	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDV (%AR)	008.99	Other	183	0.034	0.0362	0.0366	0.0356	0.22	0.0328	9	0.0128	0
CBDV (%AR)	008.99	Other	106	0.05	0.05	0.05	0.05	1.34	0.0328	9	0.0128	0
CBDV (%AR)	008.99	Other	208	0.0736	0.0932	0.0834	0.0834	3.95	0.0328	9	0.0128	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	216	<0.0655	<0.0739	<0.0769	<0.0655					1
CBDVA (%AR)	009.99	Other	197	<0.0743	<0.0728	<0.0714	<0.0743					1
CBDVA (%AR)	009.02	AOAC 2018.11,	108	0.0519	0.0529	0.0455	0.0501	-1.19	0.0718	7	0.0182	0
CBDVA (%AR)	009.99	Other	212	0.0621	0.0625	0.0555	0.06	-0.65	0.0718	7	0.0182	0
CBDVA (%AR)	009.99	Other	196	0.0648	0.0667	0.0652	0.0656	-0.34	0.0718	7	0.0182	0
CBDVA (%AR)	009.02	AOAC 2018.11,	214	0.07	0.07	0.07	0.07	-0.1	0.0718	7	0.0182	0
CBDVA (%AR)	009.99	Other	149	0.074	0.075	0.074	0.0743	0.14	0.0718	7	0.0182	0
CBDVA (%AR)	009.99	Other	183	0.0811	0.0853	0.0846	0.0837	0.65	0.0718	7	0.0182	0
CBDVA (%AR)	009.99	Other	208	0.109	0.1172	0.114	0.113	2.28	0.0718	7	0.0182	0

CBG (%AR)

CBG (%AR)	010.99	Other	212	0.0326	0.039	0.0351	0.0356	-3.07	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	197	0.0845	0.0805	0.0746	0.0799	-1.48	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	216	0.0803	0.0816	0.0812	0.081	-1.43	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	141	0.0827	0.0894	0.107	0.093	-1	0.1209	22	0.0278	0
CBG (%AR)	010.02	AOAC 2018.11,	108	0.1012	0.1037	0.1034	0.103	-0.65	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	149	0.105	0.113	0.103	0.107	-0.5	0.1209	22	0.0278	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%AR)	010.99	Other	162	0.1073	0.1214	0.1171	0.115	-0.2	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	196	0.1135	0.1156	0.1177	0.116	-0.19	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	211	0.126	0.126	0.098	0.117	-0.15	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	155	0.116	0.109	0.128	0.118	-0.12	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	207	0.123	0.114	0.121	0.119	-0.06	0.1209	22	0.0278	0
CBG (%AR)	010.02	AOAC 2018.11,	214	0.12	0.12	0.12	0.12	-0.03	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	109	0.123	0.116	0.128	0.122	0.05	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	142	0.1266	0.1238	0.1228	0.124	0.12	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	208	0.1271	0.1289	0.125	0.127	0.22	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	183	0.1313	0.1322	0.1341	0.133	0.42	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	194	0.1385	0.1368	0.1397	0.138	0.63	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	106	0.14	0.14	0.14	0.14	0.69	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	204	0.1499	0.1435	0.1503	0.148	0.97	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	200	0.162	0.16	0.153	0.158	1.34	0.1209	22	0.0278	0
CBG (%AR)	010.02	AOAC 2018.11,	125	0.152	0.163	0.164	0.16	1.39	0.1209	22	0.0278	0
CBG (%AR)	010.99	Other	132	0.164	0.17	0.167	0.167	1.66	0.1209	22	0.0278	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	141	0.0894	0.0773	0.0902	0.0856	-5.2	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	212	0.2177	0.2433	0.217	0.226	-1.29	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	132	0.229	0.237	0.228	0.231	-1.14	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	207	0.263	0.254	0.223	0.247	-0.71	0.2721	19	0.0359	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%AR)	011.99	Other	106	0.26	0.24	0.24	0.247	-0.71	0.2721	19	0.0359	0
CBGA (%AR)	011.02	AOAC 2018.11,	214	0.26	0.25	0.25	0.253	-0.52	0.2721	19	0.0359	0
CBGA (%AR)	011.02	AOAC 2018.11,	108	0.2647	0.2607	0.2544	0.26	-0.34	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	216	0.2541	0.2631	0.2626	0.26	-0.34	0.2721	19	0.0359	0
CBGA (%AR)	011.02	AOAC 2018.11,	125	0.24	0.281	0.263	0.261	-0.3	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	149	0.222	0.293	0.275	0.263	-0.24	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	162	0.2705	0.3021	0.2539	0.275	0.09	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	197	0.2667	0.2883	0.279	0.278	0.16	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	208	0.2891	0.3005	0.3093	0.3	0.77	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	196	0.297	0.3025	0.3032	0.301	0.8	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	204	0.3031	0.2964	0.3062	0.302	0.83	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	142	0.3073	0.307	0.2935	0.303	0.85	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	194	0.3044	0.3049	0.3028	0.304	0.89	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	183	0.2903	0.3067	0.3478	0.315	1.19	0.2721	19	0.0359	0
CBGA (%AR)	011.99	Other	109	0.365	0.342	0.338	0.348	2.12	0.2721	19	0.0359	0

THCV (%AR)

THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%AR)	012.99	Other	211	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
THCV (%AR)	012.99	Other	216	<0.0437	<0.0493	<0.0513	<0.0437					1
THCV (%AR)	012.99	Other	197	<0.0495	<0.0485	<0.0476	<0.0495					1
THCV (%AR)	012.99	Other	208	<0.0500	<0.0500	<0.0500	<0.0500					1
THCV (%AR)	012.99	Other	183	0	0	0	0					2
THCV (%AR)	012.02	AOAC 2018.11,	108	0	0	0	0					2
THCV (%AR)	012.99	Other	132	0.017	0.018	0.019	0.018					0
THCV (%AR)	012.02	AOAC 2018.11,	214	0.02	0.02	0.02	0.02					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	211	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120	<0.0120					1
Δ8-THC (%AR)	013.99	Other	207	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ8-THC (%AR)	013.99	Other	216	<0.0437	<0.0493	<0.0513	<0.0437					1
Δ8-THC (%AR)	013.99	Other	197	<0.0495	<0.0485	<0.0476	<0.0495					1
Δ8-THC (%AR)	013.99	Other	208	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ8-THC (%AR)	013.02	AOAC 2018.11,	108	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	183	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	106	0.04	0.03	0.03	0.0333					0
Δ8-THC (%AR)	013.99	Other	138	0.0434	0.0457	0.0327	0.0406					0

CBC (%AR)

CBC (%AR)	014.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100	<0.0100					1
CBC (%AR)	014.99	Other	212	0.1622	0.2126	0.1756	0.183	-3.24	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	155	0.218	0.2	0.216	0.211	-1.83	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	106	0.23	0.23	0.23	0.23	-0.88	0.2473	21	0.0197	0
CBC (%AR)	014.02	AOAC 2018.11,	103	0.226	0.228	0.236	0.23	-0.88	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	208	0.2216	0.2441	0.2297	0.232	-0.79	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	132	0.227	0.23	0.238	0.232	-0.79	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	142	0.2446	0.2383	0.2351	0.239	-0.41	0.2473	21	0.0197	0
CBC (%AR)	014.02	AOAC 2018.11,	125	0.232	0.245	0.239	0.239	-0.44	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	149	0.24	0.244	0.236	0.24	-0.37	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	211	0.256	0.249	0.223	0.243	-0.24	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	216	0.2498	0.2522	0.2544	0.252	0.24	0.2473	21	0.0197	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%AR)	014.99	Other	197	0.2544	0.2583	0.2448	0.252	0.26	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	194	0.2526	0.2526	0.2498	0.252	0.22	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	162	0.2547	0.2499	0.2582	0.254	0.35	0.2473	21	0.0197	0
CBC (%AR)	014.02	AOAC 2018.11,	108	0.2607	0.2635	0.2452	0.256	0.46	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	207	0.272	0.266	0.244	0.261	0.68	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	183	0.2509	0.2649	0.2671	0.261	0.69	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	204	0.2658	0.2612	0.2626	0.263	0.8	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	200	0.281	0.272	0.26	0.271	1.2	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	109	0.285	0.274	0.269	0.276	1.45	0.2473	21	0.0197	0
CBC (%AR)	014.99	Other	196	0.2764	0.2776	0.2729	0.276	1.43	0.2473	21	0.0197	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	141	<0.2000	<0.2000	<0.2000	<0.2000					1
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Cd (ug/g AR)	101.04	ICP-MS	196	0.0991	0.0947	0.0969	0.0969	-2.93	0.1275	9	0.0104	0
Cd (ug/g AR)	101.03	ICP-OES	132	0.104			0.104					1
Cd (ug/g AR)	101.04	ICP-MS	183	0.11	0.1285	0.107	0.115	-1.18	0.1275	9	0.0104	0
Cd (ug/g AR)	101.04	ICP-MS	122	0.1228	0.1219	0.1235	0.123	-0.45	0.1275	9	0.0104	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1256	0.1288	0.1284	0.128	0.01	0.1275	9	0.0104	0
Cd (ug/g AR)	101.04	ICP-MS	214	0.128	0.125	0.139	0.131	0.31	0.1275	9	0.0104	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.132	0.128	0.132	0.131	0.31	0.1275	9	0.0104	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1302	0.1377	0.1324	0.133	0.57	0.1275	9	0.0104	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Cd (ug/g AR)	101.04	ICP-MS	142	0.134	0.13	0.146	0.137	0.88	0.1275	9	0.0104	0
Cd (ug/g AR)	101.04	ICP-MS	211	0.144	0.122	0.149	0.138	1.04	0.1275	9	0.0104	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
As (ug/g AR)	102.04	ICP-MS	197	<0.0992	<0.0980	<0.1004	<0.0992					1
As (ug/g AR)	102.04	ICP-MS	211	<0.1000	<0.1000	<0.1000	<0.1000					1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.04	ICP-MS	141	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.04	ICP-MS	142	0.054	<0.0010	<0.0010	0.0187					1
As (ug/g AR)	102.04	ICP-MS	122	0.0422	0.0426	0.0424	0.0424					0
As (ug/g AR)	102.04	ICP-MS	106	0.047	0.045	0.046	0.046					0
As (ug/g AR)	102.04	ICP-MS	194	0.0613	0.0736	0.0686	0.0678					0
As (ug/g AR)	102.04	ICP-MS	214	0.059	0.065	0.083	0.069					0
As (ug/g AR)	102.04	ICP-MS	196	0.0672	0.0712	0.0771	0.0718					0
As (ug/g AR)	102.03	ICP-OES	132	0.4			0.4					1

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Hg (ug/g AR)	103.04	ICP-MS	214	<0.0100	<0.0100	<0.0100	<0.0100					1
Hg (ug/g AR)	103.04	ICP-MS	183	<0.0120	<0.0120	<0.0120	<0.0120					1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200	<0.0200					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0992	<0.0980	<0.1004	<0.0992					1
Hg (ug/g AR)	103.04	ICP-MS	211	<0.1000	<0.1000	<0.1000	<0.1000					1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.1000	<0.1000	<0.1000	<0.1000					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.04	ICP-MS	106	0.007	0.007	0.007	0.007					0
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	0.008	0.0075					1
Hg (ug/g AR)	103.04	ICP-MS	122	0.0171	0.0175	0.0172	0.0173					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	141	<0.5000	<0.5000	<0.5000	<0.5000					1
Pb (ug/g AR)	104.04	ICP-MS	197	0.2332	0.2624	0.2439	0.247	-2.16	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.2677	0.2626	0.2598	0.263	-0.8	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.2906	0.2562	0.2459	0.264	-0.73	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	214	0.264	0.248	0.29	0.267	-0.48	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.276	0.26	0.28	0.272	-0.1	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	211	0.304	0.241	0.277	0.274	0.06	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.2235	0.369	0.254	0.282	0.72	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.282	0.275	0.292	0.283	0.79	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.31	0.261	0.277	0.283	0.76	0.2732	10	0.0124	0
Pb (ug/g AR)	104.04	ICP-MS	122	0.29	0.2901	0.2869	0.289	1.27	0.2732	10	0.0124	0
Pb (ug/g AR)	104.02	furnace AA	132	0.4			0.4					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Cu (ug/g AR)									
Cu (ug/g AR)	105.03	ICP-OES	132	10.8			10.8					1
Cu (ug/g AR)	105.04	ICP-MS	214	13.562	13.642	14.288	13.8					0
Cu (ug/g AR)	105.04	ICP-MS	196	14.4	12.7	14.5	13.9					0
Cu (ug/g AR)	105.04	ICP-MS	142	18.364	17.272	34.987	23.5					0
			Ni (ug/g AR)									
Ni (ug/g AR)	106.03	ICP-OES	132	0.8			0.8					1
Ni (ug/g AR)	106.04	ICP-MS	214	1.021	1.036	1.102	1.05					0
Ni (ug/g AR)	106.04	ICP-MS	142	1.152	1.082	1.035	1.09					0
Ni (ug/g AR)	106.04	ICP-MS	196	1.11	1.09	1.12	1.11					0
Ni (ug/g AR)	106.04	ICP-MS	141	1.24	1.34	1.2	1.26					0
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	141	<4.0000	<4.0000	<4.0000	<4.0000					1
Cr (ug/g AR)	107.03	ICP-OES	132	0.2			0.2					1
Cr (ug/g AR)	107.04	ICP-MS	142	0.392	0.246	0.279	0.306					0
Cr (ug/g AR)	107.04	ICP-MS	197	0.4301	0.4431	0.4328	0.435					0
Cr (ug/g AR)	107.04	ICP-MS	196	0.517	0.477	0.525	0.506					0
Cr (ug/g AR)	107.04	ICP-MS	214	0.521	0.445	0.556	0.507					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	197	<0.0992	<0.0980	<0.1004	<0.0992					1
Se (ug/g AR)	108.04	ICP-MS	141	<1.0000	<1.0000	<1.0000	<1.0000					1
Se (ug/g AR)	108.04	ICP-MS	142	0.06	0.058	0.057	0.0583					0
Se (ug/g AR)	108.04	ICP-MS	214	<0.1000	0.101	<0.1000	0.1					1
Se (ug/g AR)	108.04	ICP-MS	196	0.241	0.24	0.227	0.236					0
Se (ug/g AR)	108.03	ICP-OES	132	0.4			0.4					1
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	214	<0.0500	<0.0500	<0.0500	<0.0500					1
Ag (ug/g AR)	109.03	ICP-OES	132	0.088			0.088					1
			Ba (ug/g AR)									
Ba (ug/g AR)	110.03	ICP-OES	132	25.6			25.6					1
Ba (ug/g AR)	110.04	ICP-MS	214	41.977	41.918	43.107	42.3					0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.03	ICP-OES	132	44.8			44.8					1
Zn (ug/g AR)	111.04	ICP-MS	141	54	43.4	59	52.1					0
Zn (ug/g AR)	111.04	ICP-MS	196	66.3	66.9	67.6	66.9					0
Zn (ug/g AR)	111.04	ICP-MS	142	61.901	59.056	128.004	83					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					1
Sb (ug/g AR)	112.04	ICP-MS	214	<0.0100	<0.0100	0.013	0.011					1
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0229	0.0278	0.0307	0.0271	-0.84	0.0828	7	0.0663	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	142	0.03	0.0335	0.0281	0.0305	-0.79	0.0828	7	0.0663	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0325	0.0355	0.0355	0.0345	-0.73	0.0828	7	0.0663	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0691	0.0707	0.0786	0.0728	-0.15	0.0828	7	0.0663	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	108	0.1083	0.1106	0.108	0.109	0.39	0.0828	7	0.0663	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	211	0.122	0.126	0.123	0.124	0.62	0.0828	7	0.0663	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.4742	0.4424	0.4162	0.444	5.45	0.0828	7	0.0663	0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	196	0.067	0.0745	0.078	0.0732	-1.08	0.1083	7	0.0325	0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.083	0.0871	0.0877	0.0859	-0.69	0.1083	7	0.0325	0
beta-Caryophyllene (%)	202.02	GC,MS	211	0.091	0.093	0.091	0.0917	-0.51	0.1083	7	0.0325	0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0978	0.1026	0.1052	0.102	-0.2	0.1083	7	0.0325	0
beta-Caryophyllene (%)	202.02	GC,MS	142	0.1134	0.1361	0.1179	0.122	0.44	0.1083	7	0.0325	0
beta-Caryophyllene (%)	202.02	GC,MS	108	0.124	0.1205	0.1329	0.126	0.54	0.1083	7	0.0325	0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.9287	0.9125	0.9206	0.921	24.97	0.1083	7	0.0325	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	142	0.0077	0.0082	0.0078	0.0079					0
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0106	0.0126	0.0123	0.0118					0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.013	0.0131	0.0142	0.0134					0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0164	0.0167	0.0195	0.0175					0
(-)-Caryophyllene oxide	203.02	GC,MS	211	0.025	0.022	0.023	0.0233					0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	142	<0.0001	<0.0001	<0.0001	<0.0001					1
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Geraniol (%AR)	204.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Geraniol (%AR)	204.02	GC,MS	183	0	0	0	0					2
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.024	0.0272	0.0285	0.0266	-0.94	0.0384	6	0.0126	0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0274	0.0285	0.0288	0.0282	-0.81	0.0384	6	0.0126	0
alpha-Humulene (%AR)	205.02	GC,MS	142	0.0348	0.0418	0.0364	0.0377	-0.06	0.0384	6	0.0126	0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0367	0.0392	0.0392	0.0384	0	0.0384	6	0.0126	0
alpha-Humulene (%AR)	205.02	GC,MS	211	0.042	0.043	0.042	0.0423	0.31	0.0384	6	0.0126	0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.3019	0.2924	0.2947	0.296	20.49	0.0384	6	0.0126	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)	206.02	GC,MS	194	0.0015	0.0015	0.0016	0.0015					0
d-Limonene (%AR)	206.02	GC,MS	142	0.0016	0.0016	0.0018	0.0017					0
d-Limonene (%AR)	206.02	GC,MS	196	0.0018	0.0016	0.0016	0.0017					0
d-Limonene (%AR)	206.02	GC,MS	183	0.0161	0.0165	0.0167	0.0164					0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	211	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	194	0.0019	0.002	0.0021	0.002					0
Linalool (%AR)	207.02	GC,MS	142	0.0021	0.002	0.0021	0.0021					0
Linalool (%AR)	207.02	GC,MS	196	0.0017	0.0019	0.002	0.0019					0
Linalool (%AR)	207.02	GC,MS	183	0.0129	0.0132	0.0144	0.0135					0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.02	GC,MS	142	0.0047	0.0046	0.0054	0.0049					0
beta-Myrcene (%AR)	208.02	GC,MS	211	0.005	0.005	0.005	0.005					0
beta-Myrcene (%AR)	208.02	GC,MS	196	0.006	0.0062	0.0061	0.0061					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0064	0.0067	0.0066	0.0066					0
beta-Myrcene (%AR)	208.02	GC,MS	183	0.0593	0.0616	0.0625	0.0611					0
Nopinene (%AR)												
Nopinene (%AR)	209.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
Nopinene (%AR)	209.02	GC,MS	183	0.0051	0.0049	0.005	0.005					0
Ocimene (%AR)												
Ocimene (%AR)	210.04	Other	142	<0.0001	<0.0001	<0.0001	<0.0001					1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Ocimene (%AR)	210.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Ocimene (%AR)	210.02	GC,MS	183	0	0	0	0					2
Ocimene (%AR)	210.02	GC,MS	194	0.0005	0.0005	0.0005	0.0005					0
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	0.0015	0.0014	0.0014					0
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0015	0.0015	0.0015	0.0015					0
alpha-Pinene (%AR)	211.02	GC,MS	142	0.0017	0.0016	0.002	0.0018					0
alpha-Pinene (%AR)	211.02	GC,MS	183	0.0151	0.0153	0.0157	0.0154					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	0.0006	0.0006	0.0006	0.0006					0
(-)-beta-Pinene (%AR)	212.02	GC,MS	142	0.0006	0.0006	0.0007	0.0006					0
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinene (%AR)	213.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)	213.02	GC,MS	142	<0.0001	<0.0001	0.0001	0.0001					1
alpha-Terpinene (%AR)	213.02	GC,MS	183	0.0024	0.0024	0.0026	0.0025					0
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
gamma-Terpinene (%A	214.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%A	214.02	GC,MS	142	0.0001	0.0001	0.0001	0.0001					0
gamma-Terpinene (%A	214.02	GC,MS	183	0.0019	0.002	0.002	0.002					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinolene (%A	215.02	GC,MS	211	<0.0050	<0.0050	<0.0050	<0.0050					1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinolene (%A	215.02	GC,MS	142	0.0001	0.0001	0.0001	0.0001					0
alpha-Terpinolene (%A	215.02	GC,MS	183	0.0015	0.0016	0.0016	0.0016					0

Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	153	4.27	3.65	4.42	4.11	-1.78	7.6097	24	1.963	0
Moisture (%AR)	500.99	Other	132	4.82	4.97	5.55	5.11	-1.27	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	204	5.57	5.57	5.57	5.57	-1.04	7.6097	24	1.963	0
Moisture (%AR)	500.99	Other	142	5.42	5.74	5.71	5.62	-1.01	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	109	5.76	6.17	5.21	5.71	-0.97	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.08	5.85	5.91	5.95	-0.85	7.6097	24	1.963	0
Moisture (%AR)	500.72	NIR	187	6.05	6.07	6.22	6.11	-0.76	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	212	6.01	6.36	6.11	6.16	-0.74	7.6097	24	1.963	0
Moisture (%AR)	500.99	Other	103	6.63	6.61	6.54	6.59	-0.52	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.99	7.13	7.65	7.26	-0.18	7.6097	24	1.963	0
Moisture (%AR)	500.99	Other	120	7.2891	7.7758	7.4614	7.51	-0.05	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.39	7.74	7.71	7.61	0	7.6097	24	1.963	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Moisture (%AR)	500.70	Commerc. Anal.	182	7.61	8.15	8.04	7.93	0.16	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.2	7.97	7.92	8.03	0.21	7.6097	24	1.963	0
Moisture (%AR)	500.72	NIR	138	8.8	7.9	7.6	8.1	0.25	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	209	8.7473	8.6057	7.5594	8.3	0.35	7.6097	24	1.963	0
Moisture (%AR)	500.99	Other	165	8.4984	8.426	8.4514	8.46	0.43	7.6097	24	1.963	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.0385	9.0217	9.0407	9.03	0.73	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	211	9.72	9.13	8.93	9.26	0.84	7.6097	24	1.963	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.72	10.79	8.32	9.28	0.85	7.6097	24	1.963	0
Moisture (%AR)	500.99	Other	105	9.94	9.74	9.77	9.82	1.12	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	208	10.18	10.41	9.26	9.95	1.19	7.6097	24	1.963	0
Moisture (%AR)	500.50	AOAC 930.15	192	10.2679	10.2921	10.4276	10.3	1.39	7.6097	24	1.963	0
Moisture (%AR)	500.70	Commerc. Anal.	172	10.263	10.263	10.263	10.3	1.35	7.6097	24	1.963	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	154	0.2025	0.2114	0.1909	0.202	-1.62	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.60	NIR	187	0.21	0.21	0.2	0.207	-1.4	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.212	0.209	0.203	0.208	-1.34	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.2286	0.2109	0.2256	0.222	-0.74	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	218	0.23	0.224	0.22	0.225	-0.61	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.2301	0.224	0.2226	0.226	-0.57	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2301	0.2284	0.2295	0.229	-0.41	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	103	0.2196	0.2184	0.2547	0.231	-0.34	0.2386	22	0.0228	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%DW)	501.10	Other LC-UV	215	0.2353	0.2357	0.2259	0.232	-0.28	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.237	0.235	0.225	0.232	-0.27	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.211	0.248	0.239	0.233	-0.26	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	208	0.2204	0.2444	0.2497	0.238	-0.02	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	199	0.2391	0.2358	0.2468	0.241	0.09	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.2433	0.2324	0.2475	0.241	0.11	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	211	0.246	0.244	0.241	0.244	0.22	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	210	0.257	0.253	0.246	0.252	0.59	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	209	0.2418	0.2611	0.2599	0.254	0.69	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.2539	0.2558	0.2632	0.258	0.84	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2592	0.2695	0.2527	0.26	0.96	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.288	0.2508	0.2634	0.267	1.26	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2723	0.2718	0.2732	0.272	1.49	0.2386	22	0.0228	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2964	0.302	0.2808	0.293	2.39	0.2386	22	0.0228	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.02	AOAC 2018.11,	218	0.093	0.089	0.091	0.091	-1.81	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0893	0.096	0.105	0.0968	-1.43	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	154	0.1056	0.1076	0.096	0.103	-1.02	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.1071	0.1076	0.1008	0.105	-0.88	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	211	0.109	0.107	0.104	0.107	-0.78	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.11	0.11	0.104	0.108	-0.69	0.1185	20	0.0152	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.1131	0.1156	0.1088	0.112	-0.4	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	208	0.109	0.1172	0.114	0.113	-0.34	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.1156	0.1174	0.1172	0.117	-0.12	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.1228	0.1183	0.117	0.119	0.06	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	199	0.1215	0.1198	0.1198	0.12	0.12	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	215	0.105	0.1361	0.1176	0.12	0.07	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	209	0.1244	0.1247	0.1243	0.124	0.39	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.128	0.129	0.122	0.126	0.51	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	103	0.1264	0.1274	0.1284	0.127	0.58	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.1287	0.1257	0.1278	0.127	0.58	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.1296	0.1315	0.1313	0.131	0.81	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.1351	0.1253	0.1418	0.134	1.02	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.60	NIR	187	0.14	0.15	0.14	0.143	1.63	0.1185	20	0.0152	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.1516	0.1605	0.1493	0.154	2.32	0.1185	20	0.0152	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	209	2.1295	2.2121	2.2996	2.21	-3.03	3.5349	19	0.4366	0
CBD (%DW)	503.02	AOAC 2018.11,	210	2.922	2.922	2.938	2.93	-1.39	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	118	3.12	3.118	3.044	3.09	-1.01	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	154	3.0163	3.2805	2.9775	3.09	-1.02	3.5349	19	0.4366	0
CBD (%DW)	503.02	AOAC 2018.11,	218	3.19	3.098	3.208	3.17	-0.85	3.5349	19	0.4366	0
CBD (%DW)	503.60	NIR	187	3.17	3.25	3.17	3.2	-0.77	3.5349	19	0.4366	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%DW)	503.10	Other LC-UV	215	3.4212	3.3249	3.5632	3.44	-0.23	3.5349	19	0.4366	0
CBD (%DW)	503.30	Other LC-MS	105	3.32	3.67	3.55	3.51	-0.05	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	189	3.5362	3.5409	3.54	3.54	0.01	3.5349	19	0.4366	0
CBD (%DW)	503.02	AOAC 2018.11,	103	3.5482	3.525	3.654	3.58	0.09	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	204	3.6347	3.5507	3.6057	3.6	0.14	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	142	3.696	3.6593	3.6256	3.66	0.29	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	211	3.873	3.86	3.662	3.8	0.6	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	116	3.8117	3.9263	3.6733	3.8	0.62	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	208	3.7207	3.9694	3.7817	3.82	0.66	3.5349	19	0.4366	0
CBD (%DW)	503.02	AOAC 2018.11,	199	3.8962	3.8295	3.9897	3.91	0.85	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	109	4.03	3.912	3.87	3.94	0.92	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	196	3.9707	4.033	4.0801	4.03	1.13	3.5349	19	0.4366	0
CBD (%DW)	503.10	Other LC-UV	172	4.5622	4.6636	4.4084	4.54	2.31	3.5349	19	0.4366	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	209	4.448	5.2441	4.938	4.88	-2.35	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	154	5.7063	6.1486	5.4586	5.77	-1.19	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	118	5.856	6.048	5.56	5.82	-1.13	6.697	18	0.7755	0
CBDA (%DW)	504.60	NIR	187	5.86	6.33	6.14	6.11	-0.76	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	189	6.1169	6.1215	6.1199	6.12	-0.74	6.697	18	0.7755	0
CBDA (%DW)	504.02	AOAC 2018.11,	218	6.283	6.005	6.244	6.18	-0.67	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	116	6.2401	6.5424	5.9352	6.24	-0.59	6.697	18	0.7755	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%DW)	504.10	Other LC-UV	142	6.7807	6.6969	6.5146	6.66	-0.04	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	211	6.908	6.89	6.384	6.73	0.04	6.697	18	0.7755	0
CBDA (%DW)	504.30	Other LC-MS	105	6.8	6.3	7.25	6.78	0.11	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	204	6.8937	6.8022	6.8926	6.86	0.21	6.697	18	0.7755	0
CBDA (%DW)	504.02	AOAC 2018.11,	210	7.167	7.168	7.204	7.18	0.62	6.697	18	0.7755	0
CBDA (%DW)	504.02	AOAC 2018.11,	199	6.9463	7.2061	7.4011	7.18	0.63	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	215	6.624	7.3284	7.6227	7.19	0.64	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	196	7.2749	7.405	7.3537	7.34	0.84	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	208	7.1519	7.5015	7.3859	7.35	0.84	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	109	7.757	7.634	7.496	7.63	1.2	6.697	18	0.7755	0
CBDA (%DW)	504.10	Other LC-UV	172	8.3778	8.6676	8.0012	8.35	2.13	6.697	18	0.7755	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	211	<0.0100	<0.0100	<0.0100	<0.0100					1
CBN (%DW)	505.02	AOAC 2018.11,	210	<0.0140	<0.0140	<0.0140	<0.0140					1
CBN (%DW)	505.20	Other LC-MS	105	<0.0144	<0.0144	<0.0144	<0.0144					1
CBN (%DW)	505.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBN (%DW)	505.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250	<0.0250					1
CBN (%DW)	505.30	GC-FID	116	<0.0400	<0.0400	<0.0400	<0.0400					1
CBN (%DW)	505.10	Other LC-UV	116	<0.0400	<0.0400	<0.0400	<0.0400					1
CBN (%DW)	505.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%DW)	505.10	Other LC-UV	142	0.0143	0.0141	0.0137	0.014	-1.23	0.0172	8	0.0026	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%DW)	505.10	Other LC-UV	209	0.017	0.0129	0.0141	0.0147	-0.98	0.0172	8	0.0026	0
CBN (%DW)	505.10	Other LC-UV	109	0.016	0.015	0.018	0.0163	-0.33	0.0172	8	0.0026	0
CBN (%DW)	505.10	Other LC-UV	204	0.0168	0.0166	0.0167	0.0167	-0.19	0.0172	8	0.0026	0
CBN (%DW)	505.02	AOAC 2018.11,	218	0.018	0.017	0.018	0.0177	0.19	0.0172	8	0.0026	0
CBN (%DW)	505.10	Other LC-UV	154	0.0193	0.0192	0.017	0.0185	0.52	0.0172	8	0.0026	0
CBN (%DW)	505.10	Other LC-UV	189	0.0185	0.0184	0.0186	0.0185	0.52	0.0172	8	0.0026	0
CBN (%DW)	505.10	Other LC-UV	192	0.0456	0.045	0.0586	0.0497	12.74	0.0172	8	0.0026	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.2951	0.3057	0.2751	0.292	-1.68	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.308	0.305	0.294	0.302	-1.31	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	218	0.311	0.302	0.3	0.304	-1.24	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2989	0.2949	0.3273	0.307	-1.14	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.3206	0.3145	0.3013	0.312	-0.96	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.289	0.332	0.331	0.317	-0.78	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.324	0.3183	0.311	0.318	-0.76	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.3304	0.3253	0.3237	0.326	-0.45	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.33	0.34	0.32	0.33	-0.33	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.3529	0.2941	0.3603	0.336	-0.12	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.3274	0.355	0.329	0.337	-0.07	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	211	0.341	0.337	0.332	0.337	-0.09	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	208	0.316	0.3471	0.3497	0.338	-0.06	0.3392	25	0.0281	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.343	0.3387	0.3416	0.341	0.07	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	103	0.3304	0.3302	0.3672	0.343	0.12	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.349	0.348	0.331	0.343	0.12	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	199	0.3457	0.3409	0.3519	0.346	0.25	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.3531	0.3571	0.3586	0.356	0.61	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.3617	0.3422	0.3718	0.359	0.69	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	209	0.3509	0.3704	0.369	0.363	0.86	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3606	0.3725	0.3556	0.363	0.84	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.3656	0.3611	0.3806	0.369	1.06	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.3957	0.3545	0.366	0.372	1.17	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.386	0.3871	0.3884	0.387	1.71	0.3392	25	0.0281	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.4293	0.4427	0.4118	0.428	3.16	0.3392	25	0.0281	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	154	8.0208	8.6729	7.7647	8.15	-1.44	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	118	8.256	8.422	7.921	8.2	-1.39	9.4657	19	0.9092	0
Total CBD (%DW)	507.60	NIR	187	8.31	8.81	8.55	8.56	-1	9.4657	19	0.9092	0
Total CBD (%DW)	507.02	AOAC 2018.11,	218	8.701	8.364	8.684	8.58	-0.97	9.4657	19	0.9092	0
Total CBD (%DW)	507.40	GC-FID	116	8.9932	8.33	9.4183	8.91	-0.61	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	189	8.9008	8.9094	8.9072	8.91	-0.62	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	192	8.8952	8.9271	9.0608	8.96	-0.56	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	116	9.2843	9.664	8.8785	9.28	-0.21	9.4657	19	0.9092	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%DW)	507.30	Other LC-MS	105	9.28	9.2	9.91	9.46	0	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	142	9.6427	9.5325	9.3389	9.5	0.04	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	204	9.6804	9.5162	9.6506	9.62	0.17	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	211	9.931	9.903	9.261	9.7	0.26	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	215	9.2304	9.7519	10.2484	9.74	0.31	9.4657	19	0.9092	0
Total CBD (%DW)	507.40	GC-FID	138	9.0585	10.4835	10.0824	9.87	0.45	9.4657	19	0.9092	0
Total CBD (%DW)	507.02	AOAC 2018.11,	199	9.9881	10.1492	10.4805	10.2	0.81	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	208	9.9929	10.5482	10.2591	10.3	0.88	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	196	10.3507	10.5272	10.5293	10.5	1.1	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	109	10.833	10.607	10.444	10.6	1.28	9.4657	19	0.9092	0
Total CBD (%DW)	507.10	Other LC-UV	172	11.9096	12.2651	11.4255	11.9	2.64	9.4657	19	0.9092	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%DW)	508.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%DW)	508.99	Other	211	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%DW)	508.99	Other	189	0.0215	0.0213	0.0217	0.0215					0
CBDV (%DW)	508.02	AOAC 2018.11,	210	0.027	0.025	0.026	0.026					0
CBDV (%DW)	508.99	Other	196	0.0259	0.0265	0.0289	0.0271					0
CBDV (%DW)	508.99	Other	154	0.0411	0.043	0.0399	0.0413					0
CBDV (%DW)	508.99	Other	208	0.082	0.104	0.0919	0.0926					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDVA (%DW)												
CBDVA (%DW)	509.99	Other	154	0.0646	0.0674	0.0601	0.064					0
CBDVA (%DW)	509.99	Other	196	0.0697	0.0718	0.0706	0.0707					0
CBDVA (%DW)	509.02	AOAC 2018.11,	210	0.072	0.07	0.07	0.0707					0
CBDVA (%DW)	509.99	Other	208	0.1223	0.2053	0.1246	0.151					0
CBG (%DW)												
CBG (%DW)	510.99	Other	105	0.125	0.104	0.136	0.122	-0.87	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	154	0.0658	0.1592	0.1443	0.123	-0.77	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	196	0.122	0.1245	0.1274	0.125	-0.66	0.1336	10	0.0136	0
CBG (%DW)	510.02	AOAC 2018.11,	210	0.125	0.127	0.13	0.127	-0.46	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	211	0.139	0.139	0.108	0.129	-0.36	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	109	0.13	0.124	0.135	0.13	-0.29	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	142	0.1339	0.1313	0.1302	0.132	-0.13	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	208	0.1415	0.1438	0.1377	0.141	0.55	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	204	0.1587	0.152	0.1592	0.157	1.69	0.1336	10	0.0136	0
CBG (%DW)	510.99	Other	189	0.1633	0.1629	0.1632	0.163	2.17	0.1336	10	0.0136	0
CBGA (%DW)												
CBGA (%DW)	511.99	Other	154	0.239	0.2563	0.2266	0.241	-1.83	0.3117	9	0.0388	0
CBGA (%DW)	511.02	AOAC 2018.11,	210	0.28	0.271	0.277	0.276	-0.92	0.3117	9	0.0388	0
CBGA (%DW)	511.99	Other	211	0.312	0.314	0.24	0.289	-0.59	0.3117	9	0.0388	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%DW)	511.99	Other	189	0.3206	0.3195	0.3203	0.32	0.22	0.3117	9	0.0388	0
CBGA (%DW)	511.99	Other	204	0.321	0.3139	0.3243	0.32	0.21	0.3117	9	0.0388	0
CBGA (%DW)	511.99	Other	142	0.3249	0.3257	0.3113	0.321	0.23	0.3117	9	0.0388	0
CBGA (%DW)	511.99	Other	196	0.3193	0.3257	0.3283	0.324	0.33	0.3117	9	0.0388	0
CBGA (%DW)	511.99	Other	208	0.3219	0.3354	0.3409	0.333	0.54	0.3117	9	0.0388	0
CBGA (%DW)	511.99	Other	109	0.387	0.365	0.357	0.37	1.49	0.3117	9	0.0388	0

THCV (%DW)

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

Δ8-THC (%DW)

Δ8-THC (%DW)	513.99	Other	211	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.02	AOAC 2018.11,	118	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.02	AOAC 2018.11,	210	<0.0140	<0.0140	<0.0140	<0.0140					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ8-THC (%DW)	513.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%DW)	513.99	Other	208	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ8-THC (%DW)	513.99	Other	189	0.0105	0.0098	0.0092	0.0098					0

CBC (%DW)												
CBC (%DW)	514.99	Other	154	0.2252	0.2494	0.2269	0.234	-1.42	0.2661	10	0.0227	0
CBC (%DW)	514.02	AOAC 2018.11,	103	0.242	0.2441	0.2525	0.246	-0.88	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	142	0.2586	0.2528	0.2493	0.254	-0.55	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	208	0.2467	0.2725	0.2531	0.257	-0.38	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	105	0.28	0.245	0.255	0.26	-0.27	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	211	0.282	0.274	0.246	0.267	0.06	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	189	0.2732	0.2741	0.2742	0.274	0.34	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	204	0.2815	0.2766	0.2781	0.279	0.56	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	109	0.302	0.292	0.284	0.293	1.17	0.2661	10	0.0227	0
CBC (%DW)	514.99	Other	196	0.2972	0.299	0.2955	0.297	1.37	0.2661	10	0.0227	0

1. Flag definitions: 1 (Lab Value not used because there were less than 2 numeric lab results), 2 (Lab Value not used because there were less than 2 numeric lab results greater than 0).

2. Robust statistics performed to determine robust mean and Z scores only if there were 6 or more numeric lab values.

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