

Hemp Proficiency Testing

All Labs Trueness

HM21SEP-2 (hemp)



Sample: HM21SEP-2 (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	0.216	0.234	0.234	0.228	-2.67	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2486	0.2263	0.2627	0.246	-1.99	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.247	0.261	0.245	0.251	-1.8	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.60	NIR	187	0.26	0.26	0.26	0.26	-1.46	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2627	0.2726	0.2545	0.263	-1.34	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	161	0.2553	0.2684	0.2752	0.266	-1.22	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.2653	0.2729	0.2632	0.267	-1.19	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.2769	0.2654	0.2737	0.272	-1.01	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2831	0.2597	0.2826	0.275	-0.89	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.268	0.273	0.2881	0.276	-0.84	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	214	0.27	0.28	0.28	0.277	-0.83	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.3282	0.2611	0.2466	0.279	-0.76	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	208	0.279	0.2872	0.2748	0.28	-0.69	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.2816	0.2858	0.276	0.281	-0.66	0.2987	51	0.0265	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)	001.02	AOAC 2018.11,	125	0.276	0.284	0.296	0.285	-0.51	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.2777	0.2877	0.2963	0.287	-0.43	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	108	0.2874	0.2746	0.2986	0.287	-0.45	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.286	0.292	0.291	0.29	-0.34	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2982	0.2811	0.2925	0.291	-0.31	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.29	0.29	0.3	0.293	-0.2	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.294	0.297	0.288	0.293	-0.22	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.325	0.275	0.28	0.293	-0.2	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.2973	0.2808	0.3082	0.295	-0.13	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.2937	0.2954	0.2964	0.295	-0.14	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	215	0.2909	0.3006	0.2922	0.295	-0.16	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.29	0.3	0.3	0.297	-0.08	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.3045	0.3045	0.2937	0.301	0.08	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	211	0.302	0.306	0.297	0.302	0.11	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.31	0.299	0.296	0.302	0.11	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.302	0.323	0.286	0.304	0.19	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	199	0.305	0.3115	0.2965	0.304	0.21	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	209	0.2906	0.3107	0.3144	0.305	0.24	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.3036	0.3088	0.3048	0.306	0.26	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.3097	0.3011	0.3122	0.308	0.34	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2775	0.3265	0.3252	0.31	0.41	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.3173	0.3078	0.3154	0.313	0.56	0.2987	51	0.0265	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	0.3138	0.3158	0.3169	0.315	0.63	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.99	Other	132	0.314	0.3	0.335	0.316	0.66	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.99	Other	183	0.3186	0.3149	0.3215	0.318	0.74	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.3225	0.322	0.3148	0.32	0.79	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.326	0.304	0.33	0.32	0.8	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.317	0.322	0.325	0.321	0.85	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.303	0.3259	0.3428	0.324	0.95	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.3141	0.3371	0.3277	0.326	1.04	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.03	AOAC 2018.11,	139	0.3455	0.3274	0.3115	0.328	1.11	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.3466	0.3102	0.3348	0.331	1.2	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.3309	0.3401	0.3273	0.333	1.28	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.3323	0.3545	0.3453	0.344	1.71	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.365	0.347	0.34	0.351	1.96	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	152	0.3713	0.3503	0.3757	0.366	2.53	0.2987	51	0.0265	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.4296	0.3467	0.4449	0.407	4.09	0.2987	51	0.0265	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0625	0.0463	0.0516	0.0535	-3.67	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.06	0.06	0.06	0.06	-3.23	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0797	0.0923	0.0656	0.0792	-1.93	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0751	0.0753	0.092	0.0808	-1.82	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0874	0.0872	0.0905	0.0884	-1.31	0.1078	52	0.0148	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	0.0829	0.0906	0.0903	0.0879	-1.34	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	108	0.0899	0.0886	0.0908	0.0898	-1.22	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	211	0.095	0.089	0.089	0.091	-1.13	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	207	0.103	0.088	0.089	0.0933	-0.97	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.093	0.093	0.097	0.0943	-0.91	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	216	0.0937	0.0929	0.094	0.0935	-0.96	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.99	Other	132	0.099	0.092	0.097	0.096	-0.79	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	197	0.1005	0.0967	0.0901	0.0958	-0.81	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0996	0.099	0.0924	0.097	-0.73	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	208	0.0911	0.1031	0.0994	0.0979	-0.67	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.1033	0.0968	0.1012	0.1	-0.49	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	199	0.1045	0.101	0.0985	0.101	-0.43	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.1024	0.1073	0.0992	0.103	-0.32	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.097	0.109	0.104	0.103	-0.3	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.1091	0.1029	0.104	0.105	-0.16	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.1041	0.1068	0.1081	0.106	-0.1	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.1113	0.1006	0.106	0.106	-0.12	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.103	0.107	0.108	0.106	-0.12	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.111	0.0896	0.1167	0.106	-0.13	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.1154	0.0994	0.1071	0.107	-0.03	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	209	0.1113	0.1074	0.106	0.108	0.03	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	152	0.1107	0.107	0.1111	0.11	0.12	0.1078	52	0.0148	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)	002.30	Other LC-MS	120	0.114	0.1077	0.1096	0.11	0.18	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	214	0.11	0.11	0.11	0.11	0.15	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.11	0.113	0.107	0.11	0.15	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.116	0.112	0.108	0.112	0.29	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	215	0.1002	0.1256	0.1114	0.112	0.31	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.103	0.111	0.122	0.112	0.29	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.1137	0.1136	0.1091	0.112	0.3	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.124	0.109	0.112	0.115	0.49	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11,	139	0.1256	0.1179	0.1082	0.117	0.64	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.1131	0.1197	0.1181	0.117	0.62	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.1175	0.115	0.1212	0.118	0.69	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.117	0.123	0.113	0.118	0.67	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	194	0.1177	0.1207	0.1198	0.119	0.79	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.1179	0.1186	0.1191	0.119	0.73	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.1134	0.118	0.1264	0.119	0.78	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.1191	0.1203	0.1211	0.12	0.84	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.121	0.1218	0.1213	0.121	0.92	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	125	0.105	0.124	0.137	0.122	0.96	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.12	0.12	0.13	0.123	1.05	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.1231	0.1221	0.1274	0.124	1.11	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	210	0.12	0.124	0.127	0.124	1.08	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.99	Other	183	0.1243	0.1302	0.1291	0.128	1.36	0.1078	52	0.0148	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	172	0.141	0.131	0.124	0.132	1.64	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.60	NIR	187	0.15	0.14	0.12	0.137	1.95	0.1078	52	0.0148	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.2649	0.2688	0.2448	0.259	10.25	0.1078	52	0.0148	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	209	4.0288	4.032	3.8572	3.97	-2.81	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	155	4.49	4.39	4.3	4.39	-1.87	5.2296	41	0.4472	0
CBD (%AR)	003.60	NIR	187	4.42	4.42	4.46	4.43	-1.78	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	184	4.5157	4.5279	4.3454	4.46	-1.71	5.2296	41	0.4472	0
CBD (%AR)	003.01	AOAC 2018.10	152	4.4546	4.6951	4.8153	4.66	-1.28	5.2296	41	0.4472	0
CBD (%AR)	003.30	Other LC-MS	122	4.6679	4.6685	4.6701	4.67	-1.25	5.2296	41	0.4472	0
CBD (%AR)	003.02	AOAC 2018.11,	161	4.5252	4.8292	4.9885	4.78	-1	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	191	4.8012	4.911	4.8416	4.85	-0.85	5.2296	41	0.4472	0
CBD (%AR)	003.02	AOAC 2018.11,	214	4.81	5.04	4.93	4.93	-0.68	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	215	4.8397	4.7459	5.2693	4.95	-0.62	5.2296	41	0.4472	0
CBD (%AR)	003.99	Other	132	4.988	4.681	5.236	4.97	-0.58	5.2296	41	0.4472	0
CBD (%AR)	003.03	AOAC 2018.11,	139	5.118	5.1641	4.8771	5.05	-0.39	5.2296	41	0.4472	0
CBD (%AR)	003.02	AOAC 2018.11,	125	5.16	5.24	4.79	5.06	-0.37	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	141	5.07	5.0014	5.174	5.08	-0.33	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	149	5.072	5.188	5.001	5.09	-0.32	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	204	5.1255	5.1635	5.1628	5.15	-0.18	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	207	5.688	4.878	4.885	5.15	-0.18	5.2296	41	0.4472	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)	003.02	AOAC 2018.11,	103	5.132	5.203	5.148	5.16	-0.15	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	113	5.262	4.953	5.332	5.18	-0.11	5.2296	41	0.4472	0
CBD (%AR)	003.30	Other LC-MS	164	5.125	5.1808	5.2339	5.18	-0.11	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	208	5.274	5.2725	5.064	5.2	-0.06	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	200	5.347	5.166	5.148	5.22	-0.02	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	194	5.1794	5.3066	5.2162	5.23	0.01	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	106	5.08	5.33	5.37	5.26	0.07	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	211	5.419	5.379	5.035	5.28	0.11	5.2296	41	0.4472	0
CBD (%AR)	003.02	AOAC 2018.11,	199	5.277	5.5975	5.301	5.39	0.36	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	192	5.4261	5.49	5.2943	5.4	0.39	5.2296	41	0.4472	0
CBD (%AR)	003.30	Other LC-MS	149	5.469	5.344	5.437	5.42	0.42	5.2296	41	0.4472	0
CBD (%AR)	003.02	AOAC 2018.11,	108	5.444	5.396	5.528	5.46	0.51	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	212	5.6956	5.5469	5.2213	5.49	0.58	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	162	5.4601	5.4968	5.5484	5.5	0.61	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	142	5.5827	5.5437	5.4215	5.52	0.64	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	197	5.5793	5.5415	5.5808	5.57	0.75	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	196	5.5981	5.7994	5.573	5.66	0.96	5.2296	41	0.4472	0
CBD (%AR)	003.99	Other	183	5.7253	5.8114	5.5988	5.71	1.08	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	216	5.876	5.6692	5.6157	5.72	1.1	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	116	5.5329	5.9768	5.7926	5.77	1.2	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	144	5.9404	5.3527	6.0361	5.78	1.22	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	109	6.038	5.734	5.918	5.9	1.49	5.2296	41	0.4472	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	163	5.894	6.123	5.947	5.99	1.7	5.2296	41	0.4472	0
CBD (%AR)	003.10	Other LC-UV	172	6.175	5.955	5.858	6	1.71	5.2296	41	0.4472	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	155	5.71	5.47	5.4	5.53	-1.86	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	192	5.662	5.6014	5.5092	5.59	-1.76	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	184	5.8596	5.975	5.7147	5.85	-1.36	6.7162	39	0.6383	0
CBDA (%AR)	004.99	Other	132	6.02	5.617	6.002	5.88	-1.31	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	209	5.928	6.1171	5.7138	5.92	-1.25	6.7162	39	0.6383	0
CBDA (%AR)	004.60	NIR	187	5.84	6.17	5.81	5.94	-1.22	6.7162	39	0.6383	0
CBDA (%AR)	004.30	Other LC-MS	164	5.8908	5.8985	6.1725	5.99	-1.14	6.7162	39	0.6383	0
CBDA (%AR)	004.02	AOAC 2018.11,	152	6.3636	6.0146	6.1613	6.18	-0.84	6.7162	39	0.6383	0
CBDA (%AR)	004.02	AOAC 2018.11,	161	5.8571	6.3044	6.4743	6.21	-0.79	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	212	6.5233	6.3002	6.084	6.3	-0.65	6.7162	39	0.6383	0
CBDA (%AR)	004.03	AOAC 2018.11,	139	6.4636	6.3133	6.1809	6.32	-0.62	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	207	7.002	6.107	6.088	6.4	-0.5	6.7162	39	0.6383	0
CBDA (%AR)	004.02	AOAC 2018.11,	214	6.32	6.62	6.43	6.46	-0.41	6.7162	39	0.6383	0
CBDA (%AR)	004.02	AOAC 2018.11,	125	6.43	6.93	6.06	6.47	-0.38	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	211	6.702	6.611	6.128	6.48	-0.37	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	200	6.72	6.468	6.46	6.55	-0.26	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	194	6.6469	6.8414	6.7845	6.76	0.06	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	142	6.8794	6.8231	6.5999	6.77	0.08	6.7162	39	0.6383	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	141	6.833	6.6534	6.8436	6.78	0.09	6.7162	39	0.6383	0
CBDA (%AR)	004.30	Other LC-MS	122	6.7817	6.7803	6.783	6.78	0.1	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	149	6.641	7.078	6.661	6.79	0.12	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	162	6.8498	6.7554	6.7999	6.8	0.13	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	116	6.6988	7.0312	6.737	6.82	0.17	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	106	6.74	6.92	6.94	6.87	0.24	6.7162	39	0.6383	0
CBDA (%AR)	004.02	AOAC 2018.11,	199	6.917	7.203	6.804	6.97	0.41	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	204	6.9543	6.9902	6.9787	6.97	0.4	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	144	7.2695	6.5395	7.1913	7	0.44	6.7162	39	0.6383	0
CBDA (%AR)	004.30	Other LC-MS	149	7.317	6.563	7.21	7.03	0.49	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	191	6.9556	7.0202	7.1055	7.03	0.49	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	208	7.1697	7.2636	6.9574	7.13	0.65	6.7162	39	0.6383	0
CBDA (%AR)	004.02	AOAC 2018.11,	108	7.214	7.017	7.157	7.13	0.65	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	197	7.0915	7.1795	7.1746	7.15	0.68	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	196	7.1685	7.294	7.1006	7.19	0.74	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	215	6.6775	7.3849	7.9678	7.34	0.98	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	216	7.648	7.6117	7.3915	7.55	1.31	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	163	7.287	7.593	7.861	7.58	1.35	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	172	8.181	7.583	7.361	7.71	1.55	6.7162	39	0.6383	0
CBDA (%AR)	004.10	Other LC-UV	109	8.183	7.448	7.955	7.86	1.8	6.7162	39	0.6383	0
CBDA (%AR)	004.99	Other	183	7.9098	8.0299	7.7849	7.91	1.87	6.7162	39	0.6383	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	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	216	<0.0481	<0.0474	<0.0461	<0.0481					1
CBN (%AR)	005.10	Other LC-UV	197	<0.0498	<0.0465	<0.0472	<0.0498					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)	005.02	AOAC 2018.11,	214	0.02	0.02	0.02	0.02	-0.86	0.0267	23	0.0077	0
CBN (%AR)	005.02	AOAC 2018.11,	125	0.0121	0.0135	0.0369	0.0208	-0.75	0.0267	23	0.0077	0
CBN (%AR)	005.03	AOAC 2018.11,	139	0.0208	0.0239	0.0194	0.0214	-0.68	0.0267	23	0.0077	0
CBN (%AR)	005.99	Other	132	0.02	0.019	0.023	0.0207	-0.77	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	144	0.0215	0.0217	0.0219	0.0217	-0.64	0.0267	23	0.0077	0
CBN (%AR)	005.20	Other LC-MS	149	0.024	0.022	0.021	0.0223	-0.56	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	142	0.0217	0.0223	0.0213	0.0218	-0.63	0.0267	23	0.0077	0
CBN (%AR)	005.20	Other LC-MS	122	0.022	0.0224	0.0228	0.0224	-0.55	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	209	0.0262	0.0193	0.0193	0.0216	-0.65	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	207	0.027	0.02	0.023	0.0233	-0.43	0.0267	23	0.0077	0
CBN (%AR)	005.99	Other	183	0.0236	0.0242	0.0238	0.0239	-0.36	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	196	0.0239	0.0243	0.0227	0.0236	-0.39	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	162	0.0224	0.0252	0.0238	0.0238	-0.37	0.0267	23	0.0077	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	109	0.024	0.022	0.026	0.024	-0.34	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	200	0.025	0.024	0.024	0.0243	-0.3	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	204	0.0254	0.0254	0.0255	0.0254	-0.16	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	106	0.02	0.03	0.03	0.0267	0	0.0267	23	0.0077	0
CBN (%AR)	005.30	GC-FID	163	0.034	0.036	0.035	0.035	1.08	0.0267	23	0.0077	0
CBN (%AR)	005.30	GC-FID	138	0.0585	0.0415	0.0126	0.0375	1.4	0.0267	23	0.0077	0
CBN (%AR)	005.30	GC-FID	116	0.0442	<0.0400	<0.0400	0.0414					1
CBN (%AR)	005.10	Other LC-UV	116	0.0415	0.0456	0.0437	0.0436	2.19	0.0267	23	0.0077	0
CBN (%AR)	005.30	GC-FID	185	0.033	0.0604	0.0431	0.0455	2.43	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	141	0.0551	0.0403	0.0652	0.0535	3.47	0.0267	23	0.0077	0
CBN (%AR)	005.10	Other LC-UV	192	0.0604	0.061	0.0609	0.0608	4.4	0.0267	23	0.0077	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	185	0.2166	0.2432	0.2205	0.227	-4.04	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.3	0.269	0.286	0.285	-2.67	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2913	0.2999	0.3331	0.308	-2.13	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.301	0.33	0.325	0.319	-1.88	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.336	0.3135	0.3532	0.334	-1.51	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	161	0.328	0.3479	0.3544	0.343	-1.3	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.3508	0.3574	0.3335	0.347	-1.21	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.3338	0.339	0.3688	0.347	-1.21	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.3591	0.3469	0.3561	0.354	-1.05	0.3986	59	0.0425	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	182	0.3665	0.3601	0.3572	0.361	-0.88	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	108	0.3663	0.3503	0.3783	0.365	-0.79	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	208	0.3659	0.3777	0.362	0.369	-0.71	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	214	0.36	0.38	0.37	0.37	-0.67	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.4256	0.3397	0.3489	0.371	-0.64	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.37	0.37	0.38	0.373	-0.59	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	207	0.415	0.353	0.358	0.375	-0.55	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.3959	0.3588	0.3844	0.38	-0.45	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.39	0.38	0.37	0.38	-0.44	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.3854	0.3676	0.3911	0.381	-0.41	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	211	0.385	0.384	0.375	0.381	-0.41	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.3879	0.3657	0.3969	0.384	-0.36	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.3918	0.3913	0.3747	0.386	-0.3	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.3979	0.3807	0.3882	0.389	-0.23	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.3996	0.3518	0.4172	0.39	-0.21	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.39	0.396	0.383	0.39	-0.21	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3947	0.3805	0.3977	0.391	-0.18	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.3771	0.3911	0.4072	0.392	-0.16	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	125	0.367	0.393	0.416	0.392	-0.16	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.3788	0.4107	0.3899	0.393	-0.13	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	199	0.3966	0.4001	0.3829	0.393	-0.13	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	103	0.3886	0.3999	0.3901	0.393	-0.14	0.3986	59	0.0425	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	204	0.3971	0.3994	0.4009	0.399	0.01	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	209	0.3882	0.4048	0.4074	0.4	0.04	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.41	0.4	0.39	0.4	0.03	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.99	Other	132	0.401	0.381	0.42	0.401	0.05	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.3732	0.4167	0.4164	0.402	0.08	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.392	0.42	0.393	0.402	0.07	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.4068	0.4146	0.4098	0.41	0.28	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.4201	0.4102	0.4077	0.413	0.33	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.434	0.4	0.428	0.421	0.52	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.425	0.418	0.419	0.421	0.52	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.4253	0.4149	0.4271	0.422	0.56	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.4199	0.4226	0.4233	0.422	0.55	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.4207	0.4342	0.4143	0.423	0.57	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.4466	0.4046	0.4309	0.427	0.68	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.4134	0.4421	0.4313	0.429	0.71	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.99	Other	183	0.4276	0.4291	0.4347	0.43	0.75	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.99	Other	181	0.41	0.44	0.44	0.43	0.74	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	139	0.4557	0.4308	0.4064	0.431	0.76	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.43	0.41	0.49	0.443	1.05	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.4353	0.4554	0.4515	0.447	1.15	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.444	0.448	0.464	0.452	1.25	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.4844	0.3874	0.4902	0.454	1.3	0.3986	59	0.0425	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	172	0.4887	0.4619	0.4487	0.466	1.59	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	152	0.4683	0.4573	0.4732	0.466	1.59	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.4777	0.4706	0.4734	0.474	1.77	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.4827	0.4795	0.4949	0.486	2.05	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.514	0.5215	0.4907	0.509	2.59	0.3986	59	0.0425	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.6	0.59	0.6	0.597	4.66	0.3986	59	0.0425	0

Total CBD (%AR)

Total CBD (%AR)	007.02	AOAC 2018.11,	214	5.02	5.24	5.13	5.13	-5.91	11.1278	42	1.0154	0
Total CBD (%AR)	007.40	GC-FID	185	7.3863	7.7063	7.7416	7.61	-3.46	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	155	9.5	9.2	9.04	9.25	-1.85	11.1278	42	1.0154	0
Total CBD (%AR)	007.40	GC-FID	169	9.194	9.2739	9.9796	9.48	-1.62	11.1278	42	1.0154	0
Total CBD (%AR)	007.60	NIR	187	9.54	9.83	9.56	9.64	-1.46	11.1278	42	1.0154	0
Total CBD (%AR)	007.40	GC-FID	116	10.9333	9.8089	8.6034	9.78	-1.33	11.1278	42	1.0154	0
Total CBD (%AR)	007.99	Other	132	10.273	9.611	10.505	10.1	-0.98	11.1278	42	1.0154	0
Total CBD (%AR)	007.02	AOAC 2018.11,	152	10.0355	9.9699	10.2188	10.1	-1.04	11.1278	42	1.0154	0
Total CBD (%AR)	007.02	AOAC 2018.11,	161	9.6619	10.3582	10.6665	10.2	-0.89	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	192	10.3917	10.4025	10.1259	10.3	-0.81	11.1278	42	1.0154	0
Total CBD (%AR)	007.30	Other LC-MS	122	10.6155	10.6148	10.6188	10.6	-0.5	11.1278	42	1.0154	0
Total CBD (%AR)	007.03	AOAC 2018.11,	139	10.7866	10.7009	10.2977	10.6	-0.52	11.1278	42	1.0154	0
Total CBD (%AR)	007.02	AOAC 2018.11,	125	10.8	11.3	10.1	10.7	-0.39	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	207	11.829	10.234	10.224	10.8	-0.36	11.1278	42	1.0154	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	149	10.9	11.4	10.84	11	-0.08	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	200	11.24	10.84	10.81	11	-0.16	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	212	11.4166	11.0722	10.557	11	-0.11	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	141	11.0626	10.8364	11.1758	11	-0.1	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	191	10.9012	11.0677	11.0731	11	-0.11	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	211	11.297	11.177	10.409	11	-0.16	11.1278	42	1.0154	0
Total CBD (%AR)	007.30	Other LC-MS	164	11.0158	11.0793	11.4064	11.2	0.04	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	194	11.0087	11.3065	11.1662	11.2	0.03	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	204	11.2244	11.2939	11.2831	11.3	0.14	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	215	10.6959	11.2224	12.257	11.4	0.26	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	142	11.6159	11.5276	11.2096	11.5	0.32	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	162	11.4674	11.4212	11.5119	11.5	0.33	11.1278	42	1.0154	0
Total CBD (%AR)	007.02	AOAC 2018.11,	199	11.3432	11.9145	11.2681	11.5	0.38	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	208	11.5618	11.6427	11.1656	11.5	0.32	11.1278	42	1.0154	0
Total CBD (%AR)	007.30	Other LC-MS	149	11.89	11.1	11.76	11.6	0.45	11.1278	42	1.0154	0
Total CBD (%AR)	007.02	AOAC 2018.11,	108	11.77	11.55	11.8	11.7	0.57	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	197	11.7985	11.8379	11.8729	11.8	0.7	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	116	11.4077	12.1432	11.7009	11.8	0.61	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	144	12.3172	11.0891	12.3443	11.9	0.78	11.1278	42	1.0154	0
Total CBD (%AR)	007.60	NIR	138	11.45	12.13	12.06	11.9	0.74	11.1278	42	1.0154	0
Total CBD (%AR)	007.40	GC-FID	138	12.5077	11.5109	12.0415	12	0.88	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	196	11.8849	12.1962	11.8001	12	0.82	11.1278	42	1.0154	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)	007.40	GC-FID	163	12.01	12.248	11.941	12.1	0.92	11.1278	42	1.0154	0
Total CBD (%AR)	007.40	GC-FID	170	12.125	11.997	12.382	12.2	1.02	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	216	12.5833	12.3447	12.098	12.3	1.2	11.1278	42	1.0154	0
Total CBD (%AR)	007.99	Other	183	12.6622	12.8536	12.4262	12.6	1.5	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	109	13.215	12.265	12.894	12.8	1.64	11.1278	42	1.0154	0
Total CBD (%AR)	007.10	Other LC-UV	172	13.3497	12.6053	12.3136	12.8	1.6	11.1278	42	1.0154	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%AR)	008.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1
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	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBDV (%AR)	008.99	Other	216	<0.0481	<0.0474	<0.0461	<0.0481					1
CBDV (%AR)	008.99	Other	197	<0.0498	<0.0465	<0.0472	<0.0498					1
CBDV (%AR)	008.02	AOAC 2018.11,	108	0	0	0	0					2
CBDV (%AR)	008.99	Other	162	<0.0100	0.0177	0.012	0.0132	-1.48	0.0388	9	0.0173	0
CBDV (%AR)	008.99	Other	207	0.033	0.025	0.024	0.0273	-0.66	0.0388	9	0.0173	0
CBDV (%AR)	008.02	AOAC 2018.11,	214	0.03	0.03	0.03	0.03	-0.51	0.0388	9	0.0173	0
CBDV (%AR)	008.99	Other	196	0.035	0.0339	0.0349	0.0346	-0.24	0.0388	9	0.0173	0
CBDV (%AR)	008.99	Other	149	0.039	0.036	0.038	0.0377	-0.07	0.0388	9	0.0173	0
CBDV (%AR)	008.99	Other	200	0.042	0.041	0.039	0.0407	0.11	0.0388	9	0.0173	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	0.0485	0.046	0.0471	0.0472	0.48	0.0388	9	0.0173	0
CBDV (%AR)	008.99	Other	132	0.049	0.05	0.063	0.054	0.88	0.0388	9	0.0173	0
CBDV (%AR)	008.99	Other	208	0.1159	0.1269	0.1214	0.121	4.77	0.0388	9	0.0173	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	216	<0.0721	<0.0711	<0.0691	<0.0721					1
CBDVA (%AR)	009.99	Other	197	<0.0746	<0.0698	<0.0704	<0.0746					1
CBDVA (%AR)	009.02	AOAC 2018.11,	108	0.051	0.0431	0.0422	0.0454	-1.1	0.0707	7	0.023	0
CBDVA (%AR)	009.99	Other	212	0.0524	0.0501	0.0526	0.0517	-0.82	0.0707	7	0.023	0
CBDVA (%AR)	009.99	Other	196	0.0629	0.0637	0.0615	0.0627	-0.35	0.0707	7	0.023	0
CBDVA (%AR)	009.02	AOAC 2018.11,	214	0.07	0.07	0.07	0.07	-0.03	0.0707	7	0.023	0
CBDVA (%AR)	009.99	Other	149	0.074	0.076	0.075	0.075	0.19	0.0707	7	0.023	0
CBDVA (%AR)	009.99	Other	183	0.0838	0.087	0.0837	0.0848	0.61	0.0707	7	0.023	0
CBDVA (%AR)	009.99	Other	208	0.1273	0.1944	0.11	0.144	3.18	0.0707	7	0.023	0

CBG (%AR)

CBG (%AR)	010.99	Other	212	0.0491	0.0499	0.0462	0.0484	-2.36	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	197	0.087	0.0839	0.0873	0.0861	-1.42	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	216	0.0865	0.086	0.0853	0.0859	-1.42	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	141	0.116	0.0908	0.0991	0.102	-1.02	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	162	0.1244	0.0917	0.1351	0.117	-0.64	0.1425	22	0.0398	0
CBG (%AR)	010.02	AOAC 2018.11,	108	0.1223	0.1184	0.1205	0.12	-0.55	0.1425	22	0.0398	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	155	0.128	0.123	0.128	0.126	-0.41	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	149	0.137	0.133	0.128	0.133	-0.25	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	196	0.136	0.1361	0.1322	0.135	-0.19	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	211	0.146	0.145	0.117	0.136	-0.16	0.1425	22	0.0398	0
CBG (%AR)	010.02	AOAC 2018.11,	214	0.14	0.14	0.14	0.14	-0.06	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	208	0.1501	0.1424	0.1411	0.145	0.05	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	142	0.1505	0.153	0.1427	0.149	0.16	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	183	0.1507	0.1552	0.157	0.154	0.3	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	109	0.167	0.14	0.156	0.154	0.3	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	194	0.1435	0.1587	0.1684	0.157	0.36	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	106	0.16	0.16	0.17	0.163	0.52	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	204	0.1747	0.1756	0.1727	0.174	0.8	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	200	0.189	0.179	0.178	0.182	0.99	0.1425	22	0.0398	0
CBG (%AR)	010.02	AOAC 2018.11,	125	0.189	0.172	0.202	0.188	1.13	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	132	0.2	0.19	0.219	0.203	1.52	0.1425	22	0.0398	0
CBG (%AR)	010.99	Other	207	0.231	0.191	0.192	0.205	1.56	0.1425	22	0.0398	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	141	0.0215	0.0293	0.0261	0.0256	-5.03	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	212	0.1794	0.1811	0.1728	0.178	-1.44	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	132	0.178	0.19	0.202	0.19	-1.15	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	207	0.225	0.191	0.189	0.202	-0.88	0.2388	19	0.0424	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	0.2	0.2	0.21	0.203	-0.84	0.2388	19	0.0424	0
CBGA (%AR)	011.02	AOAC 2018.11,	125	0.207	0.238	0.227	0.224	-0.35	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	216	0.2298	0.2256	0.2252	0.227	-0.28	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	197	0.2318	0.2288	0.2235	0.228	-0.25	0.2388	19	0.0424	0
CBGA (%AR)	011.02	AOAC 2018.11,	214	0.24	0.23	0.23	0.233	-0.13	0.2388	19	0.0424	0
CBGA (%AR)	011.02	AOAC 2018.11,	108	0.2373	0.2323	0.2309	0.234	-0.12	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	162	0.2488	0.2708	0.208	0.243	0.09	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	149	0.259	0.267	0.25	0.259	0.47	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	196	0.262	0.2676	0.2594	0.263	0.57	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	208	0.2691	0.2621	0.2683	0.266	0.65	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	194	0.2604	0.2834	0.281	0.275	0.85	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	204	0.2763	0.279	0.2762	0.277	0.91	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	142	0.2822	0.2816	0.2676	0.277	0.9	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	183	0.2615	0.261	0.3205	0.281	1	0.2388	19	0.0424	0
CBGA (%AR)	011.99	Other	109	0.32	0.286	0.307	0.304	1.55	0.2388	19	0.0424	0

THCV (%AR)

THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	211	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					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	194	<0.0270	<0.0270	<0.0270	<0.0270					1
THCV (%AR)	012.99	Other	216	<0.0481	<0.0474	<0.0461	<0.0481					1
THCV (%AR)	012.99	Other	197	<0.0498	<0.0465	<0.0472	<0.0498					1
THCV (%AR)	012.99	Other	208	<0.0500	<0.0500	<0.0500	<0.0500					1
THCV (%AR)	012.02	AOAC 2018.11,	108	0	0	0	0					2
THCV (%AR)	012.99	Other	183	0	0	0	0					2
THCV (%AR)	012.99	Other	149	0.008	0.007	0.009	0.008					0
THCV (%AR)	012.99	Other	132	0.02	0.027	0.007	0.018					0
THCV (%AR)	012.02	AOAC 2018.11,	214	0.02	0.02	0.02	0.02					0
THCV (%AR)	012.99	Other	106	0.02	0.02	0.02	0.02					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	149	<0.0050	<0.0050	<0.0050	<0.0050					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	200	<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)	013.99	Other	211	<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

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	<0.0481	<0.0474	<0.0461	<0.0481					1
Δ8-THC (%AR)	013.99	Other	197	<0.0498	<0.0465	<0.0472	<0.0498					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	0.03	0.03	0.03	0.03					0
Δ8-THC (%AR)	013.99	Other	138	0.0638	0.0487	0.0582	0.0569					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	155	0.261	0.26	0.248	0.256	-2.7	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	212	0.2647	0.2647	0.2475	0.259	-2.59	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	208	0.2945	0.3118	0.2918	0.299	-0.85	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	132	0.301	0.284	0.321	0.302	-0.74	0.3193	21	0.0233	0
CBC (%AR)	014.02	AOAC 2018.11,	103	0.301	0.304	0.3	0.302	-0.75	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	211	0.329	0.318	0.282	0.31	-0.41	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	106	0.3	0.31	0.32	0.31	-0.4	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	207	0.342	0.296	0.298	0.312	-0.31	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	149	0.317	0.32	0.312	0.316	-0.13	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	194	0.3112	0.3194	0.3177	0.316	-0.14	0.3193	21	0.0233	0
CBC (%AR)	014.02	AOAC 2018.11,	125	0.313	0.319	0.316	0.316	-0.14	0.3193	21	0.0233	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	0.3274	0.3181	0.3061	0.317	-0.09	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	216	0.324	0.3128	0.318	0.318	-0.04	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	162	0.3039	0.3251	0.3315	0.32	0.04	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	142	0.3233	0.3269	0.3097	0.32	0.03	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	183	0.3306	0.3351	0.3361	0.334	0.63	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	204	0.337	0.3386	0.3385	0.338	0.81	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	196	0.3383	0.3512	0.3428	0.344	1.07	0.3193	21	0.0233	0
CBC (%AR)	014.02	AOAC 2018.11,	108	0.38	0.3481	0.3314	0.353	1.45	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	200	0.371	0.348	0.342	0.354	1.48	0.3193	21	0.0233	0
CBC (%AR)	014.99	Other	109	0.384	0.349	0.375	0.369	2.15	0.3193	21	0.0233	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	0.117	0.124	0.0994	0.113	-2.27	0.163	9	0.0218	0
Cd (ug/g AR)	101.03	ICP-OES	132	0.132			0.132					1
Cd (ug/g AR)	101.04	ICP-MS	183	0.134	0.1385	0.139	0.137	-1.18	0.163	9	0.0218	0
Cd (ug/g AR)	101.04	ICP-MS	122	0.1563	0.1512	0.1572	0.155	-0.37	0.163	9	0.0218	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1647	0.1697	0.1552	0.163	0.01	0.163	9	0.0218	0
Cd (ug/g AR)	101.04	ICP-MS	214	0.164	0.169	0.163	0.165	0.11	0.163	9	0.0218	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.163	0.173	0.172	0.169	0.29	0.163	9	0.0218	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.19	0.166	0.188	0.181	0.84	0.163	9	0.0218	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	197	0.182	0.1878	0.1742	0.181	0.84	0.163	9	0.0218	0
Cd (ug/g AR)	101.04	ICP-MS	211	0.204	0.178	0.17	0.184	0.96	0.163	9	0.0218	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	<0.0990	<0.0994	<0.0945	<0.0990					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	141	<0.2000	<0.2000	<0.2000	<0.2000					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	122	0.0469	0.0453	0.0462	0.0461	-1.33	0.0649	6	0.0141	0
As (ug/g AR)	102.04	ICP-MS	106	0.055	0.056	0.06	0.057	-0.56	0.0649	6	0.0141	0
As (ug/g AR)	102.04	ICP-MS	214	0.051	0.068	0.077	0.0653	0.03	0.0649	6	0.0141	0
As (ug/g AR)	102.04	ICP-MS	142	0.088	0.05	0.06	0.066	0.08	0.0649	6	0.0141	0
As (ug/g AR)	102.04	ICP-MS	196	0.0756	0.0781	0.064	0.0726	0.54	0.0649	6	0.0141	0
As (ug/g AR)	102.04	ICP-MS	194	0.0811	0.0906	0.075	0.0822	1.23	0.0649	6	0.0141	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	194	<0.0020	<0.0020	<0.0020	<0.0020					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

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	<0.0990	<0.0994	<0.0945	<0.0990					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	211	<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	196	0.0074	<0.0072	0.0073	0.0073					0
Hg (ug/g AR)	103.04	ICP-MS	122	0.007	0.0065	0.0068	0.0068					0
Hg (ug/g AR)	103.04	ICP-MS	106	0.007	0.007	0.007	0.007					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	194	0.27	0.2564	0.2767	0.268	-1.13	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.3131	0.2644	0.2751	0.284	-0.78	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.2836	0.3049	0.2798	0.289	-0.67	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	211	0.314	0.316	0.277	0.302	-0.39	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	122	0.3075	0.3088	0.2924	0.303	-0.38	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.288	0.366	0.261	0.305	-0.33	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.36	0.296	0.34	0.332	0.25	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	214	0.33	0.402	0.337	0.356	0.77	0.3205	10	0.0466	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.328	0.446	0.35	0.375	1.16	0.3205	10	0.0466	0
Pb (ug/g AR)	104.02	furnace AA	132	0.4			0.4					1
Pb (ug/g AR)	104.04	ICP-MS	183	0.517	0.481	0.4545	0.484	3.51	0.3205	10	0.0466	0

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	11.6			11.6					1
Cu (ug/g AR)	105.04	ICP-MS	196	14.6	12.5	12.4	13.2					0
Cu (ug/g AR)	105.04	ICP-MS	214	14.327	14.16	14.08	14.2					0
Cu (ug/g AR)	105.04	ICP-MS	142	19.411	17.859	40.493	25.9					0
			Ni (ug/g AR)									
Ni (ug/g AR)	106.03	ICP-OES	132	1.2			1.2					1
Ni (ug/g AR)	106.04	ICP-MS	196	1.34	1.29	1.16	1.26					0
Ni (ug/g AR)	106.04	ICP-MS	214	1.287	1.255	1.287	1.28					0
Ni (ug/g AR)	106.04	ICP-MS	141	1.51	1.21	1.5	1.41					0
Ni (ug/g AR)	106.04	ICP-MS	142	1.728	1.364	1.389	1.49					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	0.36			0.36					1
Cr (ug/g AR)	107.04	ICP-MS	214	0.441	0.467	0.502	0.47					0
Cr (ug/g AR)	107.04	ICP-MS	142	0.876	0.255	0.293	0.475					0
Cr (ug/g AR)	107.04	ICP-MS	197	0.475	0.4911	0.494	0.487					0
Cr (ug/g AR)	107.04	ICP-MS	196	0.514	0.535	0.431	0.493					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	<0.0990	<0.0994	<0.0945	<0.0990					1
Se (ug/g AR)	108.04	ICP-MS	214	<0.1000	<0.1000	<0.1000	<0.1000					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	0.054	0.06	<0.0010	0.0383					0
Se (ug/g AR)	108.04	ICP-MS	196	0.208	0.2	0.168	0.192					0
Se (ug/g AR)	108.03	ICP-OES	132	0.8			0.8					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	0.12			0.12					1
			Ba (ug/g AR)									
Ba (ug/g AR)	110.03	ICP-OES	132	20.8			20.8					1
Ba (ug/g AR)	110.04	ICP-MS	214	34.635	35.371	32.598	34.2					0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.03	ICP-OES	132	44.4			44.4					1
Zn (ug/g AR)	111.04	ICP-MS	141	53.9	56	66.3	58.7					0
Zn (ug/g AR)	111.04	ICP-MS	196	66.2	64.4	55.1	61.9					0
Zn (ug/g AR)	111.04	ICP-MS	142	63.133	58.958	127.166	83.1					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	0.014	0.018	0.016	0.016					0
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0229	0.0312	0.0275	0.0272	-0.79	0.0842	7	0.072	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	142	0.0288	0.0266	0.0291	0.0282	-0.78	0.0842	7	0.072	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0303	0.029	0.0369	0.0321	-0.73	0.0842	7	0.072	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0696	0.0666	0.0656	0.0673	-0.24	0.0842	7	0.072	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	108	0.0953	0.1149	0.1154	0.109	0.34	0.0842	7	0.072	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	211	0.137	0.131	0.135	0.134	0.7	0.0842	7	0.072	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.4216	0.4019	0.4331	0.419	4.65	0.0842	7	0.072	0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	196	0.067	0.0797	0.0739	0.0735	-1.04	0.1063	7	0.0315	0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0759	0.0804	0.0941	0.0835	-0.72	0.1063	7	0.0315	0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0926	0.0942	0.0939	0.0936	-0.4	0.1063	7	0.0315	0
beta-Caryophyllene (%)	202.02	GC,MS	211	0.097	0.095	0.095	0.0957	-0.34	0.1063	7	0.0315	0
beta-Caryophyllene (%)	202.02	GC,MS	108	0.1034	0.1185	0.1336	0.119	0.39	0.1063	7	0.0315	0
beta-Caryophyllene (%)	202.02	GC,MS	142	0.1222	0.1287	0.1267	0.126	0.62	0.1063	7	0.0315	0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.9451	0.9086	0.859	0.904	25.3	0.1063	7	0.0315	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	0.0071	0.007	0.0073					0
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0106	0.0147	0.0119	0.0124					0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0146	0.014	0.014	0.0142					0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0179	0.0166	0.0188	0.0178					0
(-)-Caryophyllene oxide	203.02	GC,MS	211	0.03	0.027	0.028	0.0283					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	162	0.0239	0.0252	0.0296	0.0262	-0.83	0.0368	6	0.0127	0
alpha-Humulene (%AR)	205.02	GC,MS	196	0.024	0.0285	0.0261	0.0262	-0.83	0.0368	6	0.0127	0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0334	0.0333	0.0334	0.0334	-0.27	0.0368	6	0.0127	0
alpha-Humulene (%AR)	205.02	GC,MS	142	0.0353	0.0373	0.0372	0.0366	-0.01	0.0368	6	0.0127	0
alpha-Humulene (%AR)	205.02	GC,MS	211	0.043	0.042	0.042	0.0423	0.44	0.0368	6	0.0127	0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.2945	0.2788	0.2661	0.28	19.11	0.0368	6	0.0127	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	142	0.0021	0.0019	0.0022	0.0021					0
d-Limonene (%AR)	206.02	GC,MS	194	0.002	0.002	0.0021	0.002					0
d-Limonene (%AR)	206.02	GC,MS	196	0.0018	0.002	0.0019	0.0019					0
d-Limonene (%AR)	206.02	GC,MS	183	0.02	0.0194	0.0202	0.0199					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	196	0.0017	0.002	0.0019	0.0019					0
Linalool (%AR)	207.02	GC,MS	142	0.0023	0.002	0.0022	0.0022					0
Linalool (%AR)	207.02	GC,MS	194	0.0019	0.002	0.002	0.002					0
Linalool (%AR)	207.02	GC,MS	183	0.013	0.0121	0.0133	0.0128					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	0.005	0.0045	0.0054	0.005					0
beta-Myrcene (%AR)	208.02	GC,MS	196	0.006	0.0065	0.006	0.0062					0
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0063	0.0066	0.0064	0.0064					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	211	0.006	0.006	0.006	0.006					0
beta-Myrcene (%AR)	208.02	GC,MS	183	0.0633	0.062	0.0635	0.0629					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	0.0056	0.0058	0.0059	0.0058					0
Ocimene (%AR)												
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)	210.04	Other	142	0.0003	0.0003	<0.0001	0.0002					0
Ocimene (%AR)	210.02	GC,MS	194	0.0005	0.0006	0.0006	0.0006					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	0.0015	0.0017	0.0015	0.0016					0
alpha-Pinene (%AR)	211.02	GC,MS	142	0.0019	0.0017	0.0022	0.0019					0
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0017	0.0017	0.0017	0.0017					0
alpha-Pinene (%AR)	211.02	GC,MS	183	0.0175	0.0171	0.0174	0.0173					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	0.0007	0.0007	0.0007	0.0007					0
(-)-beta-Pinene (%AR)	212.02	GC,MS	142	0.0007	0.0007	0.0008	0.0007					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	0.0002	0.0001	0.0001	0.0001					0
alpha-Terpinene (%AR)	213.02	GC,MS	183	0.0027	0.0027	0.0028	0.0027					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	0.002	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	142	<0.0001	<0.0001	<0.0001	<0.0001					1
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	183	0.0013	0.0013	0.0014	0.0013					0

Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	153	3.29	3.56	4.23	3.69	-1.9	7.2386	24	1.862	0
Moisture (%AR)	500.99	Other	132	4.67	4.65	5.85	5.06	-1.17	7.2386	24	1.862	0
Moisture (%AR)	500.72	NIR	187	5.13	5.02	5.15	5.1	-1.15	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.57	5.68	5.75	5.67	-0.84	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	109	6.06	5.2	5.98	5.75	-0.8	7.2386	24	1.862	0
Moisture (%AR)	500.99	Other	103	5.98	5.98	5.94	5.97	-0.68	7.2386	24	1.862	0
Moisture (%AR)	500.99	Other	142	5.8	5.85	6.32	5.99	-0.67	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	212	5.84	6.01	6.35	6.07	-0.63	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.09	6.09	6.09	6.09	-0.62	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.21	6.67	5.94	6.27	-0.52	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	209	7.0438	6.5126	6.7439	6.77	-0.25	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.03	6.85	7.18	7.02	-0.12	7.2386	24	1.862	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)	500.99	Other	120	7.0215	7.5273	7.2225	7.26	0.01	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.49	7.29	7.74	7.51	0.14	7.2386	24	1.862	0
Moisture (%AR)	500.99	Other	165	7.8982	7.8542	7.8137	7.86	0.33	7.2386	24	1.862	0
Moisture (%AR)	500.72	NIR	138	8.1	8.1	7.7	7.97	0.39	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.75	8.62	8.13	8.17	0.5	7.2386	24	1.862	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.49	8.89	7.72	8.37	0.61	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	211	8.1	8.7	9.11	8.64	0.75	7.2386	24	1.862	0
Moisture (%AR)	500.50	AOAC 930.15	199	8.8037	8.8804	8.6816	8.79	0.83	7.2386	24	1.862	0
Moisture (%AR)	500.99	Other	105	9.33	9.19	9.14	9.22	1.06	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	208	9.77	9.34	10.02	9.71	1.33	7.2386	24	1.862	0
Moisture (%AR)	500.70	Commerc. Anal.	172	10.248	10.248	10.248	10.2	1.62	7.2386	24	1.862	0
Moisture (%AR)	500.50	AOAC 930.15	192	90.3699	90.5135	90.3626	90.4	44.67	7.2386	24	1.862	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	154	0.272	0.227	0.2655	0.255	-2.21	0.3235	22	0.031	0
Δ9-THC (%DW)	501.60	NIR	187	0.27	0.27	0.28	0.273	-1.62	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.292	0.299	0.285	0.292	-1.01	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2937	0.2954	0.2964	0.295	-0.91	0.3235	22	0.031	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.3045	0.2793	0.304	0.296	-0.89	0.3235	22	0.031	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	218	0.31	0.299	0.308	0.306	-0.57	0.3235	22	0.031	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	103	0.3042	0.3106	0.3094	0.308	-0.5	0.3235	22	0.031	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.271	0.328	0.332	0.31	-0.42	0.3235	22	0.031	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	208	0.3092	0.3168	0.3054	0.31	-0.42	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.3232	0.3234	0.3135	0.32	-0.11	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	215	0.3166	0.3271	0.318	0.321	-0.09	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	209	0.3116	0.3331	0.3372	0.327	0.12	0.3235	22	0.031	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	210	0.333	0.323	0.329	0.328	0.16	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	211	0.331	0.335	0.325	0.33	0.22	0.3235	22	0.031	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	199	0.3344	0.3419	0.3247	0.334	0.33	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.347	0.32	0.351	0.339	0.51	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.3445	0.334	0.3421	0.34	0.54	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.3528	0.3644	0.348	0.355	1.02	0.3235	22	0.031	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.3727	0.3354	0.3609	0.356	1.06	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.3575	0.3595	0.3605	0.359	1.15	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.3518	0.3759	0.3663	0.365	1.33	0.3235	22	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.4067	0.3866	0.3788	0.391	2.17	0.3235	22	0.031	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.10	Other LC-UV	154	0.1017	0.0849	0.0944	0.0937	-1.43	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	218	0.096	0.097	0.095	0.096	-1.29	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	211	0.104	0.097	0.097	0.0993	-1.08	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0965	0.0917	0.114	0.101	-0.99	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.1057	0.1052	0.0986	0.103	-0.84	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.111	0.115	0.102	0.109	-0.45	0.1165	20	0.0159	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	0.1092	0.1149	0.1054	0.11	-0.42	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	208	0.1099	0.1137	0.1105	0.111	-0.32	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	199	0.1146	0.1108	0.1079	0.111	-0.34	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	209	0.1194	0.1152	0.1137	0.116	-0.03	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.1179	0.1186	0.1191	0.119	0.13	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.1227	0.1165	0.1182	0.119	0.16	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	215	0.1091	0.1367	0.1213	0.122	0.37	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.132	0.115	0.119	0.122	0.34	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.1244	0.122	0.1286	0.125	0.53	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	103	0.1244	0.1308	0.1201	0.125	0.54	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.1308	0.1328	0.1323	0.132	0.97	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.1337	0.1325	0.1382	0.135	1.15	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.60	NIR	187	0.16	0.15	0.13	0.147	1.89	0.1165	20	0.0159	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.1571	0.146	0.1382	0.147	1.92	0.1165	20	0.0159	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	209	4.3202	4.3236	4.1362	4.26	-1.69	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	154	4.6497	3.8846	4.7237	4.42	-1.47	5.447	19	0.7004	0
CBD (%DW)	503.60	NIR	187	4.66	4.65	4.71	4.67	-1.1	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	118	4.79	4.876	4.624	4.76	-0.98	5.447	19	0.7004	0
CBD (%DW)	503.02	AOAC 2018.11,	218	4.921	4.843	4.899	4.89	-0.8	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	204	5.1255	5.1635	5.1628	5.15	-0.42	5.447	19	0.7004	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	189	5.2189	5.2557	5.2312	5.24	-0.3	5.447	19	0.7004	0
CBD (%DW)	503.30	Other LC-MS	105	5.67	5.25	4.97	5.3	-0.21	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	215	5.2674	5.1653	5.7349	5.39	-0.08	5.447	19	0.7004	0
CBD (%DW)	503.02	AOAC 2018.11,	103	5.4584	5.5339	5.4731	5.49	0.06	5.447	19	0.7004	0
CBD (%DW)	503.02	AOAC 2018.11,	210	5.669	5.528	5.515	5.57	0.18	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	208	5.8451	5.8157	5.6279	5.76	0.45	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	211	5.931	5.888	5.511	5.78	0.47	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	142	5.9264	5.8882	5.7873	5.87	0.6	5.447	19	0.7004	0
CBD (%DW)	503.02	AOAC 2018.11,	199	5.7864	6.143	5.805	5.91	0.66	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	196	5.9688	6.2139	5.9249	6.04	0.84	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	116	5.8592	6.3368	6.146	6.11	0.95	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	109	6.428	6.048	6.294	6.26	1.16	5.447	19	0.7004	0
CBD (%DW)	503.10	Other LC-UV	172	6.8801	6.6349	6.5269	6.68	1.76	5.447	19	0.7004	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	154	5.9725	4.9445	5.9502	5.62	-1.81	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	118	6.11	6.509	5.754	6.12	-1.22	7.1699	18	0.8559	0
CBDA (%DW)	504.60	NIR	187	6.16	6.5	6.13	6.26	-1.06	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	209	6.3567	6.5595	6.127	6.35	-0.96	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	189	6.6235	6.6647	6.6376	6.64	-0.62	7.1699	18	0.8559	0
CBDA (%DW)	504.02	AOAC 2018.11,	218	6.774	6.745	6.795	6.77	-0.47	7.1699	18	0.8559	0
CBDA (%DW)	504.30	Other LC-MS	105	6.69	6.74	7.32	6.92	-0.3	7.1699	18	0.8559	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	204	6.9543	6.9902	6.9787	6.97	-0.23	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	211	7.336	7.236	6.708	7.09	-0.09	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	142	7.303	7.2471	7.0452	7.2	0.03	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	116	7.0939	7.4546	7.148	7.23	0.07	7.1699	18	0.8559	0
CBDA (%DW)	504.02	AOAC 2018.11,	210	7.679	7.616	7.524	7.61	0.51	7.1699	18	0.8559	0
CBDA (%DW)	504.02	AOAC 2018.11,	199	7.5847	7.905	7.4509	7.65	0.56	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	196	7.6431	7.8152	7.549	7.67	0.58	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	208	7.946	8.012	7.7321	7.9	0.85	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	215	7.2676	8.0374	8.6719	7.99	0.96	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	109	8.711	7.856	8.461	8.34	1.37	7.1699	18	0.8559	0
CBDA (%DW)	504.10	Other LC-UV	172	9.1151	8.4488	8.2015	8.59	1.66	7.1699	18	0.8559	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,	199	<0.0250	<0.0250	<0.0250	<0.0250						1
CBN (%DW)	505.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.02	AOAC 2018.11,	210	0.017	0.017	0.02	0.018	-1.06	0.0293	13	0.0106		0
CBN (%DW)	505.20	Other LC-MS	105	0.0254	0.017	0.0197	0.0207	-0.81	0.0293	13	0.0106		0
CBN (%DW)	505.10	Other LC-UV	142	0.023	0.0237	0.0227	0.0231	-0.58	0.0293	13	0.0106		0
CBN (%DW)	505.10	Other LC-UV	209	0.028	0.0207	0.0207	0.0231	-0.58	0.0293	13	0.0106		0
CBN (%DW)	505.10	Other LC-UV	196	0.0255	0.026	0.0241	0.0252	-0.39	0.0293	13	0.0106		0
CBN (%DW)	505.10	Other LC-UV	204	0.0254	0.0254	0.0255	0.0254	-0.36	0.0293	13	0.0106		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	109	0.025	0.023	0.027	0.025	-0.4	0.0293	13	0.0106	0
CBN (%DW)	505.10	Other LC-UV	154	0.0263	0.0263	0.0248	0.0258	-0.33	0.0293	13	0.0106	0
CBN (%DW)	505.02	AOAC 2018.11,	218	0.027	0.027	0.027	0.027	-0.22	0.0293	13	0.0106	0
CBN (%DW)	505.10	Other LC-UV	189	0.0337	0.035	0.0349	0.0345	0.49	0.0293	13	0.0106	0
CBN (%DW)	505.30	GC-FID	116	0.0469	0.0405	0.0401	0.0425	1.24	0.0293	13	0.0106	0
CBN (%DW)	505.10	Other LC-UV	116	0.0439	0.0483	0.0464	0.0462	1.59	0.0293	13	0.0106	0
CBN (%DW)	505.10	Other LC-UV	192	0.0668	0.0674	0.0674	0.0672	3.56	0.0293	13	0.0106	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.3612	0.3015	0.3482	0.337	-2.44	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.389	0.4	0.375	0.388	-1.04	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	218	0.394	0.385	0.391	0.39	-0.98	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.3973	0.3939	0.3886	0.393	-0.89	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.3985	0.3812	0.4084	0.396	-0.82	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.356	0.408	0.432	0.399	-0.74	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.3971	0.3994	0.4009	0.399	-0.73	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.41	0.4	0.39	0.4	-0.71	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	208	0.4056	0.4166	0.4023	0.408	-0.48	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.416	0.4156	0.4	0.411	-0.42	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.4186	0.4035	0.422	0.415	-0.3	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	103	0.4133	0.4253	0.4147	0.418	-0.22	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	211	0.422	0.42	0.411	0.418	-0.22	0.4257	25	0.0363	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)	506.40	GC-FID	138	0.4342	0.3823	0.4533	0.423	-0.07	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.4123	0.447	0.4244	0.428	0.06	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	209	0.4163	0.4341	0.4369	0.429	0.09	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	199	0.4349	0.4391	0.4193	0.431	0.15	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.462	0.421	0.455	0.446	0.56	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.4485	0.4652	0.4405	0.451	0.71	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.4618	0.4502	0.4633	0.458	0.9	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.4803	0.4376	0.4646	0.461	0.97	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.4609	0.4829	0.4791	0.474	1.34	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.4722	0.476	0.4766	0.475	1.35	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.5445	0.5146	0.5	0.52	2.59	0.4257	25	0.0363	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.5687	0.5761	0.5431	0.563	3.77	0.4257	25	0.0363	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	154	9.8875	8.2209	9.9421	9.35	-1.78	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	118	10.149	10.585	9.67	10.1	-1.21	11.784	19	1.365	0
Total CBD (%DW)	507.60	NIR	187	10.06	10.35	10.08	10.2	-1.19	11.784	19	1.365	0
Total CBD (%DW)	507.40	GC-FID	116	11.5954	10.3996	9.1282	10.4	-1.03	11.784	19	1.365	0
Total CBD (%DW)	507.02	AOAC 2018.11,	218	10.862	10.758	10.859	10.8	-0.7	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	189	11.0277	11.1006	11.0523	11.1	-0.53	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	204	11.2244	11.2939	11.2831	11.3	-0.38	11.784	19	1.365	0
Total CBD (%DW)	507.30	Other LC-MS	105	11.5	11.2	11.4	11.4	-0.31	11.784	19	1.365	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)	507.10	Other LC-UV	192	11.4991	11.4927	11.2059	11.4	-0.28	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	211	12.365	12.234	11.394	12	0.16	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	142	12.3311	12.2438	11.9659	12.2	0.29	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	215	11.641	12.2141	13.3401	12.4	0.45	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	116	12.0806	12.8745	12.4188	12.5	0.49	11.784	19	1.365	0
Total CBD (%DW)	507.02	AOAC 2018.11,	199	12.4382	13.0757	12.3394	12.6	0.61	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	208	12.8138	12.8422	12.409	12.7	0.66	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	196	12.6718	13.0678	12.5453	12.8	0.72	11.784	19	1.365	0
Total CBD (%DW)	507.40	GC-FID	138	13.5904	12.5073	13.0838	13.1	0.94	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	109	14.067	12.938	13.714	13.6	1.31	11.784	19	1.365	0
Total CBD (%DW)	507.10	Other LC-UV	172	14.874	14.0446	13.7196	14.2	1.78	11.784	19	1.365	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	0.0294	0.0295	0.0301	0.0297					0
CBDV (%DW)	508.02	AOAC 2018.11,	210	0.036	0.034	0.038	0.036					0
CBDV (%DW)	508.99	Other	196	0.0373	0.0364	0.0371	0.0369					0
CBDV (%DW)	508.99	Other	154	0.0472	0.0391	0.0443	0.0435					0
CBDV (%DW)	508.99	Other	208	0.1285	0.14	0.1349	0.134					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	0.0598	0.053	0.0589	0.0572					0
CBDVA (%DW)	509.02	AOAC 2018.11,	210	0.067	0.068	0.067	0.0673					0
CBDVA (%DW)	509.99	Other	196	0.067	0.0683	0.0654	0.0669					0
CBDVA (%DW)	509.99	Other	208	0.141	0.2145	0.1222	0.159					0
			CBG (%DW)									
CBG (%DW)	510.99	Other	105	0.151	0.132	0.121	0.135	-1.4	0.157	10	0.016	0
CBG (%DW)	510.99	Other	196	0.1451	0.1458	0.1406	0.144	-0.82	0.157	10	0.016	0
CBG (%DW)	510.02	AOAC 2018.11,	210	0.148	0.148	0.142	0.146	-0.69	0.157	10	0.016	0
CBG (%DW)	510.99	Other	211	0.16	0.159	0.128	0.149	-0.5	0.157	10	0.016	0
CBG (%DW)	510.99	Other	142	0.1598	0.1625	0.1523	0.158	0.08	0.157	10	0.016	0
CBG (%DW)	510.99	Other	154	0.1747	0.1404	0.1633	0.159	0.15	0.157	10	0.016	0
CBG (%DW)	510.99	Other	208	0.1664	0.1571	0.1569	0.16	0.2	0.157	10	0.016	0
CBG (%DW)	510.99	Other	109	0.177	0.147	0.166	0.163	0.4	0.157	10	0.016	0
CBG (%DW)	510.99	Other	204	0.1747	0.1756	0.1727	0.174	1.08	0.157	10	0.016	0
CBG (%DW)	510.99	Other	189	0.1817	0.1824	0.1834	0.183	1.59	0.157	10	0.016	0
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	154	0.1993	0.167	0.1939	0.187	-2.22	0.2717	9	0.0383	0
CBGA (%DW)	511.02	AOAC 2018.11,	210	0.239	0.242	0.209	0.23	-1.09	0.2717	9	0.0383	0
CBGA (%DW)	511.99	Other	211	0.282	0.275	0.211	0.256	-0.41	0.2717	9	0.0383	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	0.2721	0.2749	0.2747	0.274	0.06	0.2717	9	0.0383	0
CBGA (%DW)	511.99	Other	204	0.2763	0.279	0.2762	0.277	0.14	0.2717	9	0.0383	0
CBGA (%DW)	511.99	Other	196	0.2793	0.2868	0.2758	0.281	0.23	0.2717	9	0.0383	0
CBGA (%DW)	511.99	Other	208	0.2982	0.2891	0.2982	0.295	0.61	0.2717	9	0.0383	0
CBGA (%DW)	511.99	Other	142	0.2996	0.2991	0.2857	0.295	0.6	0.2717	9	0.0383	0
CBGA (%DW)	511.99	Other	109	0.341	0.301	0.327	0.323	1.34	0.2717	9	0.0383	0

THCV (%DW)

THCV (%DW)	512.99	Other	189	<0.0001	<0.0001	<0.0001	<0.0001					1
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					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)	512.02	AOAC 2018.11,	210	<0.0140	<0.0140	<0.0140	<0.0140					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)	513.99	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,	118	<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	0.0114	0.0118	0.0118	0.0117					0

CBC (%DW)

CBC (%DW)	514.99	Other	204	0.2815	0.2766	0.2781	0.279	-1.48	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	154	0.3042	0.2587	0.3012	0.288	-1.24	0.3357	10	0.0385	0
CBC (%DW)	514.02	AOAC 2018.11,	103	0.3201	0.3233	0.3189	0.321	-0.39	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	208	0.3264	0.344	0.3243	0.332	-0.11	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	211	0.36	0.348	0.309	0.339	0.09	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	142	0.3432	0.3472	0.3306	0.34	0.12	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	189	0.343	0.3459	0.3445	0.344	0.23	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	105	0.37	0.344	0.352	0.355	0.51	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	196	0.3607	0.3763	0.3645	0.367	0.82	0.3357	10	0.0385	0
CBC (%DW)	514.99	Other	109	0.408	0.368	0.399	0.392	1.45	0.3357	10	0.0385	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.