

Hemp Proficiency Testing

All Labs Precision

HM21SEP-2 (hemp)



Sample: HM21SEP-2 (hemp)

All Labs Precision

Issue Date: October 24, 2021

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.60	NIR	187	0.26	0.26	0.26	0	0	3.21	0	15.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.3138	0.3158	0.3169	0.5	0.1	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.2937	0.2954	0.2964	0.46	0.1	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.3036	0.3088	0.3048	0.89	0.19	3.21	0	15.6	0
Δ9-THC (%AR)	001.99	Other	183	0.3186	0.3149	0.3215	1.04	0.22	3.21	0	15.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.286	0.292	0.291	1.11	0.23	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.317	0.322	0.325	1.26	0.27	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.3225	0.322	0.3148	1.35	0.28	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	211	0.302	0.306	0.297	1.49	0.31	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.294	0.297	0.288	1.56	0.33	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.3173	0.3078	0.3154	1.6	0.34	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.2816	0.2858	0.276	1.75	0.36	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	215	0.2909	0.3006	0.2922	1.79	0.37	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.2653	0.2729	0.2632	1.91	0.39	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.3097	0.3011	0.3122	1.89	0.4	3.21	0	15.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.29	0.29	0.3	1.97	0.41	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.29	0.3	0.3	1.95	0.41	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.3309	0.3401	0.3273	1.98	0.42	3.21	0	15.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	214	0.27	0.28	0.28	2.09	0.43	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.3045	0.3045	0.2937	2.07	0.43	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.2769	0.2654	0.2737	2.18	0.45	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	208	0.279	0.2872	0.2748	2.25	0.47	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.31	0.299	0.296	2.44	0.51	3.21	0	15.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	199	0.305	0.3115	0.2965	2.47	0.52	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.2982	0.2811	0.2925	3	0.62	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.2777	0.2877	0.2963	3.24	0.67	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.3323	0.3545	0.3453	3.24	0.69	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2627	0.2726	0.2545	3.44	0.71	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.247	0.261	0.245	3.47	0.71	3.21	0	15.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	125	0.276	0.284	0.296	3.53	0.73	3.21	0	15.6	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.3141	0.3371	0.3277	3.54	0.75	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.268	0.273	0.2881	3.79	0.78	3.21	0	15.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	161	0.2553	0.2684	0.2752	3.8	0.78	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.365	0.347	0.34	3.68	0.79	3.21	0	15.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	152	0.3713	0.3503	0.3757	3.71	0.8	3.21	0	15.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	108	0.2874	0.2746	0.2986	4.19	0.87	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	209	0.2906	0.3107	0.3144	4.2	0.88	3.21	0	15.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.216	0.234	0.234	4.56	0.92	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.326	0.304	0.33	4.38	0.92	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.2973	0.2808	0.3082	4.67	0.97	3.21	0	15.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2831	0.2597	0.2826	4.86	1	3.21	0	15.6	0
Δ9-THC (%AR)	001.03	AOAC 2018.11,	139	0.3455	0.3274	0.3115	5.18	1.1	3.21	0	15.6	0
Δ9-THC (%AR)	001.99	Other	132	0.314	0.3	0.335	5.57	1.17	3.21	0	15.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.3466	0.3102	0.3348	5.62	1.19	3.21	0	15.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.302	0.323	0.286	6.11	1.28	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.303	0.3259	0.3428	6.17	1.31	3.21	0	15.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2486	0.2263	0.2627	7.46	1.52	3.21	0	15.6	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2775	0.3265	0.3252	9.01	1.89	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.325	0.275	0.28	9.39	1.96	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.4296	0.3467	0.4449	13	2.84	3.21	0	15.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.3282	0.2611	0.2466	15.6	3.23	3.21	0	15.6	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.06	0.06	0.06	0	0	4.33	0	16.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	214	0.11	0.11	0.11	0	0	4.33	0	16.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.121	0.1218	0.1213	0.33	0.06	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.1179	0.1186	0.1191	0.51	0.09	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	216	0.0937	0.0929	0.094	0.61	0.11	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.1191	0.1203	0.1211	0.84	0.15	4.33	0	16.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	108	0.0899	0.0886	0.0908	1.23	0.22	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	194	0.1177	0.1207	0.1198	1.29	0.23	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.1041	0.1068	0.1081	1.92	0.34	4.33	0	16.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0874	0.0872	0.0905	2.09	0.36	4.33	0	16.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	152	0.1107	0.107	0.1111	2.06	0.37	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.1137	0.1136	0.1091	2.34	0.42	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.1231	0.1221	0.1274	2.27	0.42	4.33	0	16.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.093	0.093	0.097	2.45	0.43	4.33	0	16.9	0
Δ9-THCA (%AR)	002.99	Other	183	0.1243	0.1302	0.1291	2.45	0.45	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.103	0.107	0.108	2.5	0.45	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	209	0.1113	0.1074	0.106	2.54	0.46	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.1175	0.115	0.1212	2.65	0.48	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.11	0.113	0.107	2.73	0.49	4.33	0	16.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	210	0.12	0.124	0.127	2.84	0.52	4.33	0	16.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.114	0.1077	0.1096	2.93	0.53	4.33	0	16.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	199	0.1045	0.101	0.0985	2.97	0.53	4.33	0	16.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.1131	0.1197	0.1181	2.94	0.53	4.33	0	16.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.1091	0.1029	0.104	3.14	0.56	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.1033	0.0968	0.1012	3.3	0.59	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.116	0.112	0.108	3.57	0.64	4.33	0	16.9	0
Δ9-THCA (%AR)	002.99	Other	132	0.099	0.092	0.097	3.76	0.66	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	211	0.095	0.089	0.089	3.81	0.67	4.33	0	16.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.1024	0.1073	0.0992	3.96	0.71	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0996	0.099	0.0924	4.12	0.73	4.33	0	16.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.117	0.123	0.113	4.28	0.78	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.12	0.12	0.13	4.68	0.86	4.33	0	16.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	161	0.0829	0.0906	0.0903	4.96	0.86	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.1113	0.1006	0.106	5.05	0.9	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	197	0.1005	0.0967	0.0901	5.5	0.97	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.1134	0.118	0.1264	5.53	1.01	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.2649	0.2688	0.2448	4.96	1.02	4.33	0	16.9	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.097	0.109	0.104	5.83	1.04	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	208	0.0911	0.1031	0.0994	6.28	1.11	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.141	0.131	0.124	6.47	1.2	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.124	0.109	0.112	6.9	1.25	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.1154	0.0994	0.1071	7.46	1.34	4.33	0	16.9	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11,	139	0.1256	0.1179	0.1082	7.44	1.35	4.33	0	16.9	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.103	0.111	0.122	8.52	1.54	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	207	0.103	0.088	0.089	8.99	1.58	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	215	0.1002	0.1256	0.1114	11.3	2.04	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0751	0.0753	0.092	12	2.06	4.33	0	16.9	0
Δ9-THCA (%AR)	002.60	NIR	187	0.15	0.14	0.12	11.2	2.08	4.33	0	16.9	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	125	0.105	0.124	0.137	13.2	2.41	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.111	0.0896	0.1167	13.5	2.42	4.33	0	16.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0625	0.0463	0.0516	15.4	2.49	4.33	0	16.9	0
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0797	0.0923	0.0656	16.9	2.89	4.33	0	16.9	0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	122	4.6679	4.6685	4.6701	0.02	0.01	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	197	5.5793	5.5415	5.5808	0.4	0.13	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	204	5.1255	5.1635	5.1628	0.42	0.14	2.5	0.02	9.04	0
CBD (%AR)	003.60	NIR	187	4.42	4.42	4.46	0.52	0.16	2.5	0.02	9.04	0
CBD (%AR)	003.02	AOAC 2018.11,	103	5.132	5.203	5.148	0.72	0.23	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	162	5.4601	5.4968	5.5484	0.81	0.26	2.5	0.02	9.04	0
CBD (%AR)	003.30	Other LC-MS	164	5.125	5.1808	5.2339	1.05	0.34	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	191	4.8012	4.911	4.8416	1.14	0.36	2.5	0.02	9.04	0
CBD (%AR)	003.30	Other LC-MS	149	5.469	5.344	5.437	1.2	0.39	2.5	0.02	9.04	0
CBD (%AR)	003.02	AOAC 2018.11,	108	5.444	5.396	5.528	1.22	0.4	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	194	5.1794	5.3066	5.2162	1.25	0.4	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	142	5.5827	5.5437	5.4215	1.52	0.49	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	141	5.07	5.0014	5.174	1.71	0.55	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	149	5.072	5.188	5.001	1.86	0.59	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	192	5.4261	5.49	5.2943	1.85	0.6	2.5	0.02	9.04	0
CBD (%AR)	003.99	Other	183	5.7253	5.8114	5.5988	1.87	0.61	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	163	5.894	6.123	5.947	2	0.66	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	155	4.49	4.39	4.3	2.16	0.68	2.5	0.02	9.04	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.10	Other LC-UV	200	5.347	5.166	5.148	2.11	0.68	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	196	5.5981	5.7994	5.573	2.19	0.71	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	184	4.5157	4.5279	4.3454	2.29	0.72	2.5	0.02	9.04	0
CBD (%AR)	003.02	AOAC 2018.11,	214	4.81	5.04	4.93	2.33	0.74	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	208	5.274	5.2725	5.064	2.32	0.75	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	216	5.876	5.6692	5.6157	2.4	0.78	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	209	4.0288	4.032	3.8572	2.52	0.78	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	109	6.038	5.734	5.918	2.6	0.85	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	172	6.175	5.955	5.858	2.71	0.89	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	106	5.08	5.33	5.37	2.99	0.96	2.5	0.02	9.04	0
CBD (%AR)	003.03	AOAC 2018.11,	139	5.118	5.1641	4.8771	3.05	0.97	2.5	0.02	9.04	0
CBD (%AR)	003.02	AOAC 2018.11,	199	5.277	5.5975	5.301	3.31	1.07	2.5	0.02	9.04	0
CBD (%AR)	003.01	AOAC 2018.10	152	4.4546	4.6951	4.8153	3.95	1.25	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	113	5.262	4.953	5.332	3.89	1.25	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	116	5.5329	5.9768	5.7926	3.87	1.26	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	211	5.419	5.379	5.035	4	1.29	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	212	5.6956	5.5469	5.2213	4.42	1.43	2.5	0.02	9.04	0
CBD (%AR)	003.02	AOAC 2018.11,	125	5.16	5.24	4.79	4.74	1.52	2.5	0.02	9.04	0
CBD (%AR)	003.02	AOAC 2018.11,	161	4.5252	4.8292	4.9885	4.92	1.56	2.5	0.02	9.04	0
CBD (%AR)	003.99	Other	132	4.988	4.681	5.236	5.6	1.78	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	215	4.8397	4.7459	5.2693	5.64	1.8	2.5	0.02	9.04	0
CBD (%AR)	003.10	Other LC-UV	144	5.9404	5.3527	6.0361	6.41	2.09	2.5	0.02	9.04	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.10	Other LC-UV	207	5.688	4.878	4.885	9.04	2.9	2.5	0.02	9.04	0
CBDA (%AR)												
CBDA (%AR)	004.30	Other LC-MS	122	6.7817	6.7803	6.783	0.02	0.01	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	204	6.9543	6.9902	6.9787	0.26	0.09	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	162	6.8498	6.7554	6.7999	0.69	0.23	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	197	7.0915	7.1795	7.1746	0.69	0.23	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	191	6.9556	7.0202	7.1055	1.07	0.36	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	192	5.662	5.6014	5.5092	1.38	0.45	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	196	7.1685	7.294	7.1006	1.37	0.46	2.9	0.02	8.8	0
CBDA (%AR)	004.02	AOAC 2018.11,	108	7.214	7.017	7.157	1.42	0.48	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	194	6.6469	6.8414	6.7845	1.48	0.49	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	141	6.833	6.6534	6.8436	1.58	0.53	2.9	0.02	8.8	0
CBDA (%AR)	004.99	Other	183	7.9098	8.0299	7.7849	1.55	0.53	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	106	6.74	6.92	6.94	1.6	0.54	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	216	7.648	7.6117	7.3915	1.84	0.62	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	184	5.8596	5.975	5.7147	2.23	0.73	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	142	6.8794	6.8231	6.5999	2.18	0.73	2.9	0.02	8.8	0
CBDA (%AR)	004.03	AOAC 2018.11,	139	6.4636	6.3133	6.1809	2.24	0.74	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	208	7.1697	7.2636	6.9574	2.2	0.74	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	200	6.72	6.468	6.46	2.26	0.75	2.9	0.02	8.8	0
CBDA (%AR)	004.02	AOAC 2018.11,	214	6.32	6.62	6.43	2.35	0.78	2.9	0.02	8.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.30	Other LC-MS	164	5.8908	5.8985	6.1725	2.68	0.88	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	116	6.6988	7.0312	6.737	2.67	0.89	2.9	0.02	8.8	0
CBDA (%AR)	004.02	AOAC 2018.11,	152	6.3636	6.0146	6.1613	2.84	0.93	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	155	5.71	5.47	5.4	2.94	0.95	2.9	0.02	8.8	0
CBDA (%AR)	004.02	AOAC 2018.11,	199	6.917	7.203	6.804	2.95	0.99	2.9	0.02	8.8	0
CBDA (%AR)	004.60	NIR	187	5.84	6.17	5.81	3.36	1.1	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	209	5.928	6.1171	5.7138	3.41	1.12	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	212	6.5233	6.3002	6.084	3.49	1.15	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	149	6.641	7.078	6.661	3.63	1.21	2.9	0.02	8.8	0
CBDA (%AR)	004.99	Other	132	6.02	5.617	6.002	3.87	1.27	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	163	7.287	7.593	7.861	3.79	1.29	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	211	6.702	6.611	6.128	4.76	1.58	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	109	8.183	7.448	7.955	4.79	1.63	2.9	0.02	8.8	0
CBDA (%AR)	004.02	AOAC 2018.11,	161	5.8571	6.3044	6.4743	5.13	1.69	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	172	8.181	7.583	7.361	5.5	1.87	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	144	7.2695	6.5395	7.1913	5.73	1.92	2.9	0.02	8.8	0
CBDA (%AR)	004.30	Other LC-MS	149	7.317	6.563	7.21	5.8	1.95	2.9	0.02	8.8	0
CBDA (%AR)	004.02	AOAC 2018.11,	125	6.43	6.93	6.06	6.74	2.24	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	207	7.002	6.107	6.088	8.16	2.7	2.9	0.02	8.8	0
CBDA (%AR)	004.10	Other LC-UV	215	6.6775	7.3849	7.9678	8.8	2.97	2.9	0.02	8.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBN (%AR)									
CBN (%AR)	005.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270						1
CBN (%AR)	005.30	GC-FID	116	0.0442	<0.0400	<0.0400						1
CBN (%AR)	005.10	Other LC-UV	211	<0.0100	<0.0100	<0.0100						1
CBN (%AR)	005.10	Other LC-UV	216	<0.0481	<0.0474	<0.0461						1
CBN (%AR)	005.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0498	<0.0465	<0.0472						1
CBN (%AR)	005.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
CBN (%AR)	005.02	AOAC 2018.11,	108	0	0	0						1
CBN (%AR)	005.02	AOAC 2018.11,	214	0.02	0.02	0.02	0	0	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	204	0.0254	0.0254	0.0255	0.23	0.03	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	192	0.0604	0.061	0.0609	0.53	0.09	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	144	0.0215	0.0217	0.0219	0.92	0.13	9.4	0	66.9	0
CBN (%AR)	005.99	Other	183	0.0236	0.0242	0.0238	1.28	0.18	9.4	0	66.9	0
CBN (%AR)	005.20	Other LC-MS	122	0.022	0.0224	0.0228	1.79	0.25	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	142	0.0217	0.0223	0.0213	2.31	0.33	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	200	0.025	0.024	0.024	2.37	0.34	9.4	0	66.9	0
CBN (%AR)	005.30	GC-FID	163	0.034	0.036	0.035	2.86	0.43	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	196	0.0239	0.0243	0.0227	3.52	0.5	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	116	0.0415	0.0456	0.0437	4.71	0.74	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	162	0.0224	0.0252	0.0238	5.88	0.84	9.4	0	66.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.20	Other LC-MS	149	0.024	0.022	0.021	6.84	0.97	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	109	0.024	0.022	0.026	8.33	1.19	9.4	0	66.9	0
CBN (%AR)	005.99	Other	132	0.02	0.019	0.023	10.1	1.41	9.4	0	66.9	0
CBN (%AR)	005.03	AOAC 2018.11,	139	0.0208	0.0239	0.0194	10.8	1.52	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	207	0.027	0.02	0.023	15.1	2.15	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	209	0.0262	0.0193	0.0193	18.4	2.6	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	106	0.02	0.03	0.03	21.7	3.15	9.4	0	66.9	0
CBN (%AR)	005.10	Other LC-UV	141	0.0551	0.0403	0.0652	23.4	3.78	9.4	0	66.9	0
CBN (%AR)	005.30	GC-FID	185	0.033	0.0604	0.0431	30.5	4.8	9.4	0	66.9	0
CBN (%AR)	005.02	AOAC 2018.11,	125	0.0121	0.0135	0.0369	66.9	9.38	9.4	0	66.9	0
CBN (%AR)	005.30	GC-FID	138	0.0585	0.0415	0.0126	61.8	9.47	9.4	0	66.9	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.4199	0.4226	0.4233	0.43	0.09	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.3971	0.3994	0.4009	0.48	0.1	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.4777	0.4706	0.4734	0.76	0.17	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.99	Other	183	0.4276	0.4291	0.4347	0.87	0.19	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.425	0.418	0.419	0.9	0.2	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.4068	0.4146	0.4098	0.96	0.21	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.6	0.59	0.6	0.97	0.22	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.3665	0.3601	0.3572	1.32	0.28	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	211	0.385	0.384	0.375	1.44	0.31	3.42	0.43	12.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.37	0.37	0.38	1.55	0.33	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.4253	0.4149	0.4271	1.56	0.34	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	103	0.3886	0.3999	0.3901	1.56	0.34	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.4201	0.4102	0.4077	1.59	0.35	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.39	0.396	0.383	1.67	0.36	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.4827	0.4795	0.4949	1.67	0.38	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	152	0.4683	0.4573	0.4732	1.75	0.39	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.3591	0.3469	0.3561	1.8	0.39	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	208	0.3659	0.3777	0.362	2.22	0.48	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.3979	0.3807	0.3882	2.22	0.48	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	199	0.3966	0.4001	0.3829	2.31	0.5	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3947	0.3805	0.3977	2.35	0.51	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.444	0.448	0.464	2.34	0.52	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.4353	0.4554	0.4515	2.38	0.53	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.4207	0.4342	0.4143	2.4	0.53	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.41	0.4	0.39	2.5	0.55	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.3918	0.3913	0.3747	2.52	0.55	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	209	0.3882	0.4048	0.4074	2.6	0.57	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.39	0.38	0.37	2.63	0.57	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	214	0.36	0.38	0.37	2.7	0.58	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.3854	0.3676	0.3911	3.21	0.7	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.514	0.5215	0.4907	3.16	0.71	3.42	0.43	12.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.4134	0.4421	0.4313	3.38	0.75	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.3508	0.3574	0.3335	3.55	0.76	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	108	0.3663	0.3503	0.3783	3.85	0.83	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.3771	0.3911	0.4072	3.84	0.84	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	161	0.328	0.3479	0.3544	4.01	0.86	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.392	0.42	0.393	3.95	0.86	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.99	Other	181	0.41	0.44	0.44	4.03	0.89	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.3788	0.4107	0.3899	4.12	0.9	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.3879	0.3657	0.3969	4.19	0.91	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.434	0.4	0.428	4.31	0.95	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.4887	0.4619	0.4487	4.37	0.98	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.301	0.33	0.325	4.86	1.03	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.99	Other	132	0.401	0.381	0.42	4.87	1.06	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.3959	0.3588	0.3844	5	1.08	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.4466	0.4046	0.4309	4.97	1.1	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.3	0.269	0.286	5.45	1.13	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.3338	0.339	0.3688	5.44	1.16	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	139	0.4557	0.4308	0.4064	5.72	1.26	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.336	0.3135	0.3532	5.96	1.27	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	185	0.2166	0.2432	0.2205	6.33	1.27	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	125	0.367	0.393	0.416	6.25	1.36	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.3732	0.4167	0.4164	6.22	1.36	3.42	0.43	12.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2913	0.2999	0.3331	7.16	1.5	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.3996	0.3518	0.4172	8.69	1.89	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	207	0.415	0.353	0.358	9.18	1.99	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.43	0.41	0.49	9.39	2.08	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.4256	0.3397	0.3489	12.7	2.74	3.42	0.43	12.7	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.4844	0.3874	0.4902	12.7	2.83	3.42	0.43	12.7	0

Total CBD (%AR)

Total CBD (%AR)	007.30	Other LC-MS	122	10.6155	10.6148	10.6188	0.02	0.01	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	197	11.7985	11.8379	11.8729	0.31	0.11	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	204	11.2244	11.2939	11.2831	0.33	0.12	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	162	11.4674	11.4212	11.5119	0.4	0.14	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	191	10.9012	11.0677	11.0731	0.89	0.32	2.73	0.02	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	108	11.77	11.55	11.8	1.17	0.42	2.73	0.02	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	152	10.0355	9.9699	10.2188	1.28	0.45	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	194	11.0087	11.3065	11.1662	1.33	0.48	2.73	0.02	11.9	0
Total CBD (%AR)	007.40	GC-FID	163	12.01	12.248	11.941	1.33	0.49	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	192	10.3917	10.4025	10.1259	1.52	0.54	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	141	11.0626	10.8364	11.1758	1.57	0.56	2.73	0.02	11.9	0
Total CBD (%AR)	007.40	GC-FID	170	12.125	11.997	12.382	1.61	0.59	2.73	0.02	11.9	0
Total CBD (%AR)	007.60	NIR	187	9.54	9.83	9.56	1.68	0.59	2.73	0.02	11.9	0
Total CBD (%AR)	007.99	Other	183	12.6622	12.8536	12.4262	1.69	0.62	2.73	0.02	11.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.10	Other LC-UV	196	11.8849	12.1962	11.8001	1.74	0.63	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	142	11.6159	11.5276	11.2096	1.87	0.67	2.73	0.02	11.9	0
Total CBD (%AR)	007.30	Other LC-MS	164	11.0158	11.0793	11.4064	1.88	0.68	2.73	0.02	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	214	5.02	5.24	5.13	2.14	0.69	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	216	12.5833	12.3447	12.098	1.97	0.72	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	200	11.24	10.84	10.81	2.19	0.79	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	208	11.5618	11.6427	11.1656	2.23	0.81	2.73	0.02	11.9	0
Total CBD (%AR)	007.40	GC-FID	185	7.3863	7.7063	7.7416	2.57	0.87	2.73	0.02	11.9	0
Total CBD (%AR)	007.03	AOAC 2018.11,	139	10.7866	10.7009	10.2977	2.46	0.88	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	155	9.5	9.2	9.04	2.53	0.88	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	149	10.9	11.4	10.84	2.78	1	2.73	0.02	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	199	11.3432	11.9145	11.2681	3.07	1.11	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	116	11.4077	12.1432	11.7009	3.15	1.14	2.73	0.02	11.9	0
Total CBD (%AR)	007.60	NIR	138	11.45	12.13	12.06	3.15	1.14	2.73	0.02	11.9	0
Total CBD (%AR)	007.30	Other LC-MS	149	11.89	11.1	11.76	3.66	1.32	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	109	13.215	12.265	12.894	3.78	1.39	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	212	11.4166	11.0722	10.557	3.93	1.41	2.73	0.02	11.9	0
Total CBD (%AR)	007.40	GC-FID	138	12.5077	11.5109	12.0415	4.15	1.51	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	172	13.3497	12.6053	12.3136	4.19	1.54	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	211	11.297	11.177	10.409	4.4	1.58	2.73	0.02	11.9	0
Total CBD (%AR)	007.40	GC-FID	169	9.194	9.2739	9.9796	4.56	1.6	2.73	0.02	11.9	0
Total CBD (%AR)	007.99	Other	132	10.273	9.611	10.505	4.58	1.62	2.73	0.02	11.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.02	AOAC 2018.11,	161	9.6619	10.3582	10.6665	5.03	1.79	2.73	0.02	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	125	10.8	11.3	10.1	5.62	2.01	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	144	12.3172	11.0891	12.3443	6.02	2.19	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	215	10.6959	11.2224	12.257	6.97	2.52	2.73	0.02	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	207	11.829	10.234	10.224	8.58	3.07	2.73	0.02	11.9	0
Total CBD (%AR)	007.40	GC-FID	116	10.9333	9.8089	8.6034	11.9	4.2	2.73	0.02	11.9	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	216	<0.0481	<0.0474	<0.0461						1
CBDV (%AR)	008.02	AOAC 2018.11,	108	0	0	0						1
CBDV (%AR)	008.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	211	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	106	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	162	<0.0100	0.0177	0.012						1
CBDV (%AR)	008.99	Other	197	<0.0498	<0.0465	<0.0472						1
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270						1
CBDV (%AR)	008.02	AOAC 2018.11,	214	0.03	0.03	0.03	0	0	5.91	0	18	0
CBDV (%AR)	008.99	Other	196	0.035	0.0339	0.0349	1.76	0.27	5.91	0	18	0
CBDV (%AR)	008.99	Other	183	0.0485	0.046	0.0471	2.65	0.42	5.91	0	18	0
CBDV (%AR)	008.99	Other	200	0.042	0.041	0.039	3.76	0.58	5.91	0	18	0
CBDV (%AR)	008.99	Other	149	0.039	0.036	0.038	4.06	0.62	5.91	0	18	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDV (%AR)	008.99	Other	208	0.1159	0.1269	0.1214	4.53	0.83	5.91	0	18	0
CBDV (%AR)	008.99	Other	132	0.049	0.05	0.063	14.5	2.34	5.91	0	18	0
CBDV (%AR)	008.99	Other	207	0.033	0.025	0.024	18	2.64	5.91	0	18	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	197	<0.0746	<0.0698	<0.0704						1
CBDVA (%AR)	009.99	Other	216	<0.0721	<0.0711	<0.0691						1
CBDVA (%AR)	009.02	AOAC 2018.11,	214	0.07	0.07	0.07	0	0	4.6	0	31	0
CBDVA (%AR)	009.99	Other	149	0.074	0.076	0.075	1.33	0.23	4.6	0	31	0
CBDVA (%AR)	009.99	Other	196	0.0629	0.0637	0.0615	1.78	0.29	4.6	0	31	0
CBDVA (%AR)	009.99	Other	183	0.0838	0.087	0.0837	2.21	0.38	4.6	0	31	0
CBDVA (%AR)	009.99	Other	212	0.0524	0.0501	0.0526	2.69	0.43	4.6	0	31	0
CBDVA (%AR)	009.02	AOAC 2018.11,	108	0.051	0.0431	0.0422	10.7	1.68	4.6	0	31	0
CBDVA (%AR)	009.99	Other	208	0.1273	0.1944	0.11	31	5.8	4.6	0	31	0

CBG (%AR)

CBG (%AR)	010.02	AOAC 2018.11,	214	0.14	0.14	0.14	0	0	5.07	0	19.3	0
CBG (%AR)	010.99	Other	216	0.0865	0.086	0.0853	0.7	0.12	5.07	0	19.3	0
CBG (%AR)	010.99	Other	204	0.1747	0.1756	0.1727	0.85	0.16	5.07	0	19.3	0
CBG (%AR)	010.02	AOAC 2018.11,	108	0.1223	0.1184	0.1205	1.62	0.3	5.07	0	19.3	0
CBG (%AR)	010.99	Other	196	0.136	0.1361	0.1322	1.65	0.31	5.07	0	19.3	0
CBG (%AR)	010.99	Other	197	0.087	0.0839	0.0873	2.19	0.38	5.07	0	19.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.99	Other	183	0.1507	0.1552	0.157	2.1	0.4	5.07	0	19.3	0
CBG (%AR)	010.99	Other	155	0.128	0.123	0.128	2.29	0.42	5.07	0	19.3	0
CBG (%AR)	010.99	Other	208	0.1501	0.1424	0.1411	3.37	0.63	5.07	0	19.3	0
CBG (%AR)	010.99	Other	149	0.137	0.133	0.128	3.4	0.63	5.07	0	19.3	0
CBG (%AR)	010.99	Other	212	0.0491	0.0499	0.0462	4.02	0.64	5.07	0	19.3	0
CBG (%AR)	010.99	Other	200	0.189	0.179	0.178	3.34	0.65	5.07	0	19.3	0
CBG (%AR)	010.99	Other	106	0.16	0.16	0.17	3.53	0.67	5.07	0	19.3	0
CBG (%AR)	010.99	Other	142	0.1505	0.153	0.1427	3.61	0.68	5.07	0	19.3	0
CBG (%AR)	010.99	Other	132	0.2	0.19	0.219	7.26	1.43	5.07	0	19.3	0
CBG (%AR)	010.99	Other	194	0.1435	0.1587	0.1684	8	1.52	5.07	0	19.3	0
CBG (%AR)	010.02	AOAC 2018.11,	125	0.189	0.172	0.202	8.02	1.56	5.07	0	19.3	0
CBG (%AR)	010.99	Other	109	0.167	0.14	0.156	8.8	1.67	5.07	0	19.3	0
CBG (%AR)	010.99	Other	207	0.231	0.191	0.192	11.1	2.2	5.07	0	19.3	0
CBG (%AR)	010.99	Other	141	0.116	0.0908	0.0991	12.6	2.24	5.07	0	19.3	0
CBG (%AR)	010.99	Other	211	0.146	0.145	0.117	12.1	2.25	5.07	0	19.3	0
CBG (%AR)	010.99	Other	162	0.1244	0.0917	0.1351	19.3	3.51	5.07	0	19.3	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	204	0.2763	0.279	0.2762	0.57	0.12	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	216	0.2298	0.2256	0.2252	1.12	0.23	4.63	0.57	15.3	0
CBGA (%AR)	011.02	AOAC 2018.11,	108	0.2373	0.2323	0.2309	1.44	0.29	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	208	0.2691	0.2621	0.2683	1.44	0.3	4.63	0.57	15.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.99	Other	196	0.262	0.2676	0.2594	1.59	0.33	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	197	0.2318	0.2288	0.2235	1.84	0.37	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	212	0.1794	0.1811	0.1728	2.47	0.48	4.63	0.57	15.3	0
CBGA (%AR)	011.02	AOAC 2018.11,	214	0.24	0.23	0.23	2.47	0.5	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	106	0.2	0.2	0.21	2.84	0.56	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	142	0.2822	0.2816	0.2676	2.98	0.62	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	149	0.259	0.267	0.25	3.29	0.67	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	194	0.2604	0.2834	0.281	4.6	0.95	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	109	0.32	0.286	0.307	5.64	1.18	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	132	0.178	0.19	0.202	6.32	1.23	4.63	0.57	15.3	0
CBGA (%AR)	011.02	AOAC 2018.11,	125	0.207	0.238	0.227	7.02	1.4	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	207	0.225	0.191	0.189	10	1.98	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	141	0.0215	0.0293	0.0261	15.3	2.21	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	183	0.2615	0.261	0.3205	12.2	2.52	4.63	0.57	15.3	0
CBGA (%AR)	011.99	Other	162	0.2488	0.2708	0.208	13.1	2.66	4.63	0.57	15.3	0

THCV (%AR)

THCV (%AR)	012.02	AOAC 2018.11,	108	0	0	0						1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	216	<0.0481	<0.0474	<0.0461						1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	211	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	208	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	183	0	0	0						1
THCV (%AR)	012.99	Other	197	<0.0498	<0.0465	<0.0472						1
THCV (%AR)	012.99	Other	106	0.02	0.02	0.02	0	0				0
THCV (%AR)	012.02	AOAC 2018.11,	214	0.02	0.02	0.02	0	0				0
THCV (%AR)	012.99	Other	149	0.008	0.007	0.009	12.5	1.52				0
THCV (%AR)	012.99	Other	132	0.02	0.027	0.007	56.4	7.73				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.02	AOAC 2018.11,	108	0	0	0						1
Δ8-THC (%AR)	013.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	208	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	216	<0.0481	<0.0474	<0.0461						1
Δ8-THC (%AR)	013.99	Other	183	0	0	0						1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	197	<0.0498	<0.0465	<0.0472						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%AR)	013.99	Other	211	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270						1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	149	<0.0050	<0.0050	<0.0050						1
Δ8-THC (%AR)	013.99	Other	207	<0.0130	<0.0130	<0.0130						1
Δ8-THC (%AR)	013.99	Other	109	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	106	0.03	0.03	0.03	0	0				0
Δ8-THC (%AR)	013.99	Other	138	0.0638	0.0487	0.0582	13.4	2.19				0

CBC (%AR)

CBC (%AR)	014.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
CBC (%AR)	014.99	Other	204	0.337	0.3386	0.3385	0.26	0.06	3.32	0.27	8.33	0
CBC (%AR)	014.02	AOAC 2018.11,	103	0.301	0.304	0.3	0.69	0.14	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	183	0.3306	0.3351	0.3361	0.88	0.19	3.32	0.27	8.33	0
CBC (%AR)	014.02	AOAC 2018.11,	125	0.313	0.319	0.316	0.95	0.2	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	149	0.317	0.32	0.312	1.28	0.27	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	194	0.3112	0.3194	0.3177	1.37	0.29	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	216	0.324	0.3128	0.318	1.76	0.37	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	196	0.3383	0.3512	0.3428	1.9	0.41	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	155	0.261	0.26	0.248	2.82	0.58	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	142	0.3233	0.3269	0.3097	2.84	0.6	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	106	0.3	0.31	0.32	3.23	0.68	3.32	0.27	8.33	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBC (%AR)	014.99	Other	197	0.3274	0.3181	0.3061	3.37	0.71	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	208	0.2945	0.3118	0.2918	3.62	0.76	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	212	0.2647	0.2647	0.2475	3.83	0.78	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	200	0.371	0.348	0.342	4.33	0.93	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	162	0.3039	0.3251	0.3315	4.51	0.95	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	109	0.384	0.349	0.375	4.92	1.06	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	132	0.301	0.284	0.321	6.13	1.28	3.32	0.27	8.33	0
CBC (%AR)	014.02	AOAC 2018.11,	108	0.38	0.3481	0.3314	6.99	1.5	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	211	0.329	0.318	0.282	7.94	1.67	3.32	0.27	8.33	0
CBC (%AR)	014.99	Other	207	0.342	0.296	0.298	8.33	1.75	3.32	0.27	8.33	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.03	ICP-OES	132	0.132								1
Cd (ug/g AR)	101.04	ICP-MS	141	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.04	ICP-MS	183	0.134	0.1385	0.139	2.01	0.37	5.05	1.94	11.2	0
Cd (ug/g AR)	101.04	ICP-MS	214	0.164	0.169	0.163	1.94	0.37	5.05	1.94	11.2	0
Cd (ug/g AR)	101.04	ICP-MS	122	0.1563	0.1512	0.1572	2.09	0.4	5.05	1.94	11.2	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.163	0.173	0.172	3.25	0.62	5.05	1.94	11.2	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.182	0.1878	0.1742	3.76	0.73	5.05	1.94	11.2	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1647	0.1697	0.1552	4.51	0.86	5.05	1.94	11.2	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.19	0.166	0.188	7.34	1.42	5.05	1.94	11.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Cd (ug/g AR)	101.04	ICP-MS	211	0.204	0.178	0.17	9.66	1.88	5.05	1.94	11.2	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.117	0.124	0.0994	11.2	2.02	5.05	1.94	11.2	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	183	<0.0020	<0.0020	<0.0020						1
As (ug/g AR)	102.03	ICP-OES	132	0.4								1
As (ug/g AR)	102.04	ICP-MS	141	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	197	<0.0990	<0.0994	<0.0945						1
As (ug/g AR)	102.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	122	0.0469	0.0453	0.0462	1.74	0.27	12.73	1.74	29.8	0
As (ug/g AR)	102.04	ICP-MS	106	0.055	0.056	0.06	4.64	0.76	12.73	1.74	29.8	0
As (ug/g AR)	102.04	ICP-MS	194	0.0811	0.0906	0.075	9.56	1.65	12.73	1.74	29.8	0
As (ug/g AR)	102.04	ICP-MS	196	0.0756	0.0781	0.064	10.4	1.75	12.73	1.74	29.8	0
As (ug/g AR)	102.04	ICP-MS	214	0.051	0.068	0.077	20.2	3.36	12.73	1.74	29.8	0
As (ug/g AR)	102.04	ICP-MS	142	0.088	0.05	0.06	29.8	4.97	12.73	1.74	29.8	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	194	<0.0020	<0.0020	<0.0020						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0990	<0.0994	<0.0945						1
Hg (ug/g AR)	103.04	ICP-MS	183	<0.0120	<0.0120	<0.0120						1
Hg (ug/g AR)	103.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Hg (ug/g AR)	103.04	ICP-MS	141	<0.1000	<0.1000	<0.1000						1
Hg (ug/g AR)	103.04	ICP-MS	196	0.0074	<0.0072	0.0073						1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	214	<0.0100	<0.0100	<0.0100						1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1
Hg (ug/g AR)	103.04	ICP-MS	106	0.007	0.007	0.007	0	0				0
Hg (ug/g AR)	103.04	ICP-MS	122	0.007	0.0065	0.0068	3.72	0.44				0

Pb (ug/g AR)

Pb (ug/g AR)	104.02	furnace AA	132	0.4								1
Pb (ug/g AR)	104.04	ICP-MS	141	<0.5000	<0.5000	<0.5000						1
Pb (ug/g AR)	104.04	ICP-MS	122	0.3075	0.3088	0.2924	3.01	0.63	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.27	0.2564	0.2767	3.86	0.79	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.2836	0.3049	0.2798	4.67	0.97	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.517	0.481	0.4545	6.48	1.46	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	211	0.314	0.316	0.277	7.26	1.52	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.3131	0.2644	0.2751	9.01	1.87	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.36	0.296	0.34	9.86	2.09	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	214	0.33	0.402	0.337	11.1	2.39	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.328	0.446	0.35	16.7	3.62	8.96	3.01	17.9	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.288	0.366	0.261	17.9	3.75	8.96	3.01	17.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Cu (ug/g AR)												
Cu (ug/g AR)	105.03	ICP-OES	132	11.6								1
Cu (ug/g AR)	105.04	ICP-MS	214	14.327	14.16	14.08	0.89	0.33				0
Cu (ug/g AR)	105.04	ICP-MS	196	14.6	12.5	12.4	9.44	3.48				0
Cu (ug/g AR)	105.04	ICP-MS	142	19.411	17.859	40.493	48.8	19.92				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.03	ICP-OES	132	1.2								1
Ni (ug/g AR)	106.04	ICP-MS	214	1.287	1.255	1.287	1.45	0.38				0
Ni (ug/g AR)	106.04	ICP-MS	196	1.34	1.29	1.16	7.35	1.91				0
Ni (ug/g AR)	106.04	ICP-MS	141	1.51	1.21	1.5	12.1	3.19				0
Ni (ug/g AR)	106.04	ICP-MS	142	1.728	1.364	1.389	13.6	3.62				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.03	ICP-OES	132	0.36								1
Cr (ug/g AR)	107.04	ICP-MS	141	<4.0000	<4.0000	<4.0000						1
Cr (ug/g AR)	107.04	ICP-MS	197	0.475	0.4911	0.494	2.1	0.47				0
Cr (ug/g AR)	107.04	ICP-MS	214	0.441	0.467	0.502	6.51	1.46				0
Cr (ug/g AR)	107.04	ICP-MS	196	0.514	0.535	0.431	11.1	2.51				0
Cr (ug/g AR)	107.04	ICP-MS	142	0.876	0.255	0.293	73.3	16.43				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Se (ug/g AR)									
Se (ug/g AR)	108.03	ICP-OES	132	0.8								1
Se (ug/g AR)	108.04	ICP-MS	197	<0.0990	<0.0994	<0.0945						1
Se (ug/g AR)	108.04	ICP-MS	214	<0.1000	<0.1000	<0.1000						1
Se (ug/g AR)	108.04	ICP-MS	142	0.054	0.06	<0.0010						1
Se (ug/g AR)	108.04	ICP-MS	141	<1.0000	<1.0000	<1.0000						1
Se (ug/g AR)	108.04	ICP-MS	196	0.208	0.2	0.168	11	2.16				0
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	214	<0.0500	<0.0500	<0.0500						1
Ag (ug/g AR)	109.03	ICP-OES	132	0.12								1
			Ba (ug/g AR)									
Ba (ug/g AR)	110.03	ICP-OES	132	20.8								1
Ba (ug/g AR)	110.04	ICP-MS	214	34.635	35.371	32.598	4.2	1.79				0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.03	ICP-OES	132	44.4								1
Zn (ug/g AR)	111.04	ICP-MS	196	66.2	64.4	55.1	9.62	4.48				0
Zn (ug/g AR)	111.04	ICP-MS	141	53.9	56	66.3	11.3	5.22				0
Zn (ug/g AR)	111.04	ICP-MS	142	63.133	58.958	127.166	46	22.38				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		Sb (ug/g AR)										
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241						1
Sb (ug/g AR)	112.04	ICP-MS	214	0.014	0.018	0.016	12.5	1.68				0
		(-)-alpha-Bisabolol (%AR)										
(-)-alpha-Bisabolol (%A	201.02	GC,MS	211	0.137	0.131	0.135	2.27	0.42	7.58	2.27	15.3	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0696	0.0666	0.0656	3.09	0.52	7.58	2.27	15.3	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	142	0.0288	0.0266	0.0291	4.85	0.71	7.58	2.27	15.3	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.4216	0.4019	0.4331	3.77	0.83	7.58	2.27	15.3	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	108	0.0953	0.1149	0.1154	10.6	1.9	7.58	2.27	15.3	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0303	0.029	0.0369	13.2	1.98	7.58	2.27	15.3	0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0229	0.0312	0.0275	15.3	2.23	7.58	2.27	15.3	0
		beta-Caryophyllene (%AR)										
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0926	0.0942	0.0939	0.91	0.16	6.04	0.91	12.7	0
beta-Caryophyllene (%)	202.02	GC,MS	211	0.097	0.095	0.095	1.21	0.21	6.04	0.91	12.7	0
beta-Caryophyllene (%)	202.02	GC,MS	142	0.1222	0.1287	0.1267	2.64	0.49	6.04	0.91	12.7	0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.9451	0.9086	0.859	4.78	1.18	6.04	0.91	12.7	0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.067	0.0797	0.0739	8.65	1.46	6.04	0.91	12.7	0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0759	0.0804	0.0941	11.4	1.96	6.04	0.91	12.7	0
beta-Caryophyllene (%)	202.02	GC,MS	108	0.1034	0.1185	0.1336	12.7	2.32	6.04	0.91	12.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		(-)-Caryophyllene oxide (%AR)										
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0146	0.014	0.014	2.44	0.32				0
(-)-Caryophyllene oxide	203.02	GC,MS	142	0.0077	0.0071	0.007	5.21	0.62				0
(-)-Caryophyllene oxide	203.02	GC,MS	211	0.03	0.027	0.028	5.39	0.79				0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0179	0.0166	0.0188	6.23	0.85				0
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0106	0.0147	0.0119	16.9	2.19				0
		Geraniol (%AR)										
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Geraniol (%AR)	204.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Geraniol (%AR)	204.02	GC,MS	183	0	0	0						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Geraniol (%AR)	204.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
		alpha-Humulene (%AR)										
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0334	0.0333	0.0334	0.17	0.03	4.95	0.17	11.4	0
alpha-Humulene (%AR)	205.02	GC,MS	211	0.043	0.042	0.042	1.36	0.21	4.95	0.17	11.4	0
alpha-Humulene (%AR)	205.02	GC,MS	142	0.0353	0.0373	0.0372	3.08	0.47	4.95	0.17	11.4	0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.2945	0.2788	0.2661	5.08	1.05	4.95	0.17	11.4	0
alpha-Humulene (%AR)	205.02	GC,MS	196	0.024	0.0285	0.0261	8.59	1.25	4.95	0.17	11.4	0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0239	0.0252	0.0296	11.4	1.65	4.95	0.17	11.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
d-Limonene (%AR)	206.02	GC,MS	194	0.002	0.002	0.0021	2.84	0.28				0
d-Limonene (%AR)	206.02	GC,MS	183	0.02	0.0194	0.0202	2.1	0.29				0
d-Limonene (%AR)	206.02	GC,MS	196	0.0018	0.002	0.0019	5.26	0.52				0
d-Limonene (%AR)	206.02	GC,MS	142	0.0021	0.0019	0.0022	7.39	0.73				0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	211	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	194	0.0019	0.002	0.002	2.94	0.29				0
Linalool (%AR)	207.02	GC,MS	183	0.013	0.0121	0.0133	4.88	0.64				0
Linalool (%AR)	207.02	GC,MS	142	0.0023	0.002	0.0022	7.05	0.7				0
Linalool (%AR)	207.02	GC,MS	196	0.0017	0.002	0.0019	8.18	0.8				0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	211	0.006	0.006	0.006	0	0				0
beta-Myrcene (%AR)	208.02	GC,MS	183	0.0633	0.062	0.0635	1.29	0.21				0
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0063	0.0066	0.0064	2.37	0.28				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
beta-Myrcene (%AR)	208.02	GC,MS	196	0.006	0.0065	0.006	4.68	0.55				0
beta-Myrcene (%AR)	208.02	GC,MS	142	0.005	0.0045	0.0054	9.08	1.03				0
Nopinene (%AR)												
Nopinene (%AR)	209.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
Nopinene (%AR)	209.02	GC,MS	183	0.0056	0.0058	0.0059	2.65	0.31				0
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Ocimene (%AR)	210.02	GC,MS	183	0	0	0						1
Ocimene (%AR)	210.04	Other	142	0.0003	0.0003	<0.0001						1
Ocimene (%AR)	210.02	GC,MS	194	0.0005	0.0006	0.0006	10.2	0.83				0
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0017	0.0017	0.0017	0	0				0
alpha-Pinene (%AR)	211.02	GC,MS	183	0.0175	0.0171	0.0174	1.2	0.16				0
alpha-Pinene (%AR)	211.02	GC,MS	196	0.0015	0.0017	0.0015	7.37	0.7				0
alpha-Pinene (%AR)	211.02	GC,MS	142	0.0019	0.0017	0.0022	13	1.28				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	0.0007	0.0007	0.0007	0	0				0
(-)-beta-Pinene (%AR)	212.02	GC,MS	142	0.0007	0.0007	0.0008	7.87	0.67				0
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
alpha-Terpinene (%AR)	213.02	GC,MS	183	0.0027	0.0027	0.0028	2.11	0.22				0
alpha-Terpinene (%AR)	213.02	GC,MS	142	0.0002	0.0001	0.0001	43.3	2.85				0
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%A	214.02	GC,MS	183	0.002	0.002	0.002	0	0				0
gamma-Terpinene (%A	214.02	GC,MS	142	0.0001	0.0001	0.0001	0	0				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
alpha-Terpinolene (%A	215.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinolene (%A	215.02	GC,MS	183	0.0013	0.0013	0.0014	4.33	0.4				0
Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	172	10.248	10.248	10.248	0	0	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.09	6.09	6.09	0	0	3.45	0	13.6	0
Moisture (%AR)	500.50	AOAC 930.15	192	90.3699	90.5135	90.3626	0.09	0.05	3.45	0	13.6	0
Moisture (%AR)	500.99	Other	103	5.98	5.98	5.94	0.39	0.13	3.45	0	13.6	0
Moisture (%AR)	500.99	Other	165	7.8982	7.8542	7.8137	0.54	0.18	3.45	0	13.6	0
Moisture (%AR)	500.99	Other	105	9.33	9.19	9.14	1.07	0.37	3.45	0	13.6	0
Moisture (%AR)	500.50	AOAC 930.15	199	8.8037	8.8804	8.6816	1.14	0.4	3.45	0	13.6	0
Moisture (%AR)	500.72	NIR	187	5.13	5.02	5.15	1.37	0.44	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.57	5.68	5.75	1.6	0.52	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.03	6.85	7.18	2.35	0.79	3.45	0	13.6	0
Moisture (%AR)	500.72	NIR	138	8.1	8.1	7.7	2.9	0.99	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.49	7.29	7.74	3	1.02	3.45	0	13.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.99	Other	120	7.0215	7.5273	7.2225	3.51	1.18	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	208	9.77	9.34	10.02	3.54	1.25	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	209	7.0438	6.5126	6.7439	3.94	1.31	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	212	5.84	6.01	6.35	4.28	1.41	3.45	0	13.6	0
Moisture (%AR)	500.99	Other	142	5.8	5.85	6.32	4.79	1.57	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.75	8.62	8.13	5.34	1.83	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.21	6.67	5.94	5.88	1.94	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	211	8.1	8.7	9.11	5.88	2.04	3.45	0	13.6	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.49	8.89	7.72	7.11	2.45	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	109	6.06	5.2	5.98	8.27	2.69	3.45	0	13.6	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.29	3.56	4.23	13.1	3.99	3.45	0	13.6	0
Moisture (%AR)	500.99	Other	132	4.67	4.65	5.85	13.6	4.34	3.45	0	13.6	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	189	0.3575	0.3595	0.3605	0.42	0.09	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2937	0.2954	0.2964	0.46	0.1	2.77	0.43	11	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	103	0.3042	0.3106	0.3094	1.1	0.23	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	211	0.331	0.335	0.325	1.52	0.32	2.77	0.43	11	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	210	0.333	0.323	0.329	1.53	0.33	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.3445	0.334	0.3421	1.62	0.34	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.3232	0.3234	0.3135	1.77	0.37	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	215	0.3166	0.3271	0.318	1.78	0.38	2.77	0.43	11	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%DW)	501.10	Other LC-UV	208	0.3092	0.3168	0.3054	1.87	0.39	2.77	0.43	11	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	218	0.31	0.299	0.308	1.92	0.4	2.77	0.43	11	0
Δ9-THC (%DW)	501.60	NIR	187	0.27	0.27	0.28	2.11	0.44	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.292	0.299	0.285	2.4	0.5	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.3528	0.3644	0.348	2.37	0.51	2.77	0.43	11	0
Δ9-THC (%DW)	501.02	AOAC 2018.11,	199	0.3344	0.3419	0.3247	2.58	0.55	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.3518	0.3759	0.3663	3.33	0.72	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.4067	0.3866	0.3788	3.68	0.8	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	209	0.3116	0.3331	0.3372	4.2	0.89	2.77	0.43	11	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.3045	0.2793	0.304	4.87	1.02	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.347	0.32	0.351	4.97	1.06	2.77	0.43	11	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.3727	0.3354	0.3609	5.35	1.15	2.77	0.43	11	0
Δ9-THC (%DW)	501.10	Other LC-UV	154	0.272	0.227	0.2655	9.54	1.95	2.77	0.43	11	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.271	0.328	0.332	11	2.31	2.77	0.43	11	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.1179	0.1186	0.1191	0.51	0.09	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.1308	0.1328	0.1323	0.79	0.15	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	218	0.096	0.097	0.095	1.04	0.18	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	208	0.1099	0.1137	0.1105	1.83	0.33	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.1337	0.1325	0.1382	2.23	0.41	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	209	0.1194	0.1152	0.1137	2.54	0.46	4.65	0.51	11.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.1244	0.122	0.1286	2.67	0.49	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.1227	0.1165	0.1182	2.69	0.49	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	199	0.1146	0.1108	0.1079	3.02	0.55	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.1057	0.1052	0.0986	3.84	0.68	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	211	0.104	0.097	0.097	4.07	0.72	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.1092	0.1149	0.1054	4.35	0.78	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11,	103	0.1244	0.1308	0.1201	4.3	0.79	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.111	0.115	0.102	6.09	1.09	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.1571	0.146	0.1382	6.46	1.21	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.132	0.115	0.119	7.29	1.33	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	154	0.1017	0.0849	0.0944	8.99	1.58	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.60	NIR	187	0.16	0.15	0.13	10.4	1.96	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.10	Other LC-UV	215	0.1091	0.1367	0.1213	11.3	2.07	4.65	0.51	11.7	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0965	0.0917	0.114	11.7	2.07	4.65	0.51	11.7	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	189	5.2189	5.2557	5.2312	0.36	0.11	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	204	5.1255	5.1635	5.1628	0.42	0.14	2.6	0.36	10.5	0
CBD (%DW)	503.60	NIR	187	4.66	4.65	4.71	0.69	0.22	2.6	0.36	10.5	0
CBD (%DW)	503.02	AOAC 2018.11,	103	5.4584	5.5339	5.4731	0.73	0.24	2.6	0.36	10.5	0
CBD (%DW)	503.02	AOAC 2018.11,	218	4.921	4.843	4.899	0.82	0.26	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	142	5.9264	5.8882	5.7873	1.22	0.4	2.6	0.36	10.5	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%DW)	503.02	AOAC 2018.11,	210	5.669	5.528	5.515	1.53	0.5	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	208	5.8451	5.8157	5.6279	2.04	0.67	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	209	4.3202	4.3236	4.1362	2.52	0.78	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	196	5.9688	6.2139	5.9249	2.58	0.85	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	118	4.79	4.876	4.624	2.69	0.85	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	172	6.8801	6.6349	6.5269	2.71	0.9	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	109	6.428	6.048	6.294	3.08	1.02	2.6	0.36	10.5	0
CBD (%DW)	503.02	AOAC 2018.11,	199	5.7864	6.143	5.805	3.4	1.11	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	116	5.8592	6.3368	6.146	3.93	1.29	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	211	5.931	5.888	5.511	4	1.3	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	215	5.2674	5.1653	5.7349	5.64	1.82	2.6	0.36	10.5	0
CBD (%DW)	503.30	Other LC-MS	105	5.67	5.25	4.97	6.65	2.14	2.6	0.36	10.5	0
CBD (%DW)	503.10	Other LC-UV	154	4.6497	3.8846	4.7237	10.5	3.29	2.6	0.36	10.5	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	204	6.9543	6.9902	6.9787	0.26	0.09	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	189	6.6235	6.6647	6.6376	0.32	0.1	3.42	0.26	10.4	0
CBDA (%DW)	504.02	AOAC 2018.11,	218	6.774	6.745	6.795	0.37	0.12	3.42	0.26	10.4	0
CBDA (%DW)	504.02	AOAC 2018.11,	210	7.679	7.616	7.524	1.02	0.35	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	196	7.6431	7.8152	7.549	1.76	0.6	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	208	7.946	8.012	7.7321	1.85	0.63	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	142	7.303	7.2471	7.0452	1.88	0.63	3.42	0.26	10.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.10	Other LC-UV	116	7.0939	7.4546	7.148	2.69	0.91	3.42	0.26	10.4	0
CBDA (%DW)	504.02	AOAC 2018.11,	199	7.5847	7.905	7.4509	3.05	1.04	3.42	0.26	10.4	0
CBDA (%DW)	504.60	NIR	187	6.16	6.5	6.13	3.28	1.08	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	209	6.3567	6.5595	6.127	3.41	1.13	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	211	7.336	7.236	6.708	4.76	1.6	3.42	0.26	10.4	0
CBDA (%DW)	504.30	Other LC-MS	105	6.69	6.74	7.32	5.06	1.7	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	109	8.711	7.856	8.461	5.27	1.82	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	172	9.1151	8.4488	8.2015	5.5	1.9	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	118	6.11	6.509	5.754	6.17	2.03	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	215	7.2676	8.0374	8.6719	8.8	3.01	3.42	0.26	10.4	0
CBDA (%DW)	504.10	Other LC-UV	154	5.9725	4.9445	5.9502	10.4	3.39	3.42	0.26	10.4	0

CBN (%DW)

CBN (%DW)	505.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
CBN (%DW)	505.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	211	<0.0100	<0.0100	<0.0100						1
CBN (%DW)	505.02	AOAC 2018.11,	218	0.027	0.027	0.027	0	0	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	204	0.0254	0.0254	0.0255	0.23	0.03	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	192	0.0668	0.0674	0.0674	0.52	0.09	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	189	0.0337	0.035	0.0349	2.09	0.32	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	142	0.023	0.0237	0.0227	2.22	0.32	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	154	0.0263	0.0263	0.0248	3.36	0.49	5.48	0	20.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%DW)	505.10	Other LC-UV	196	0.0255	0.026	0.0241	3.91	0.56	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	116	0.0439	0.0483	0.0464	4.78	0.75	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	109	0.025	0.023	0.027	8	1.15	5.48	0	20.7	0
CBN (%DW)	505.02	AOAC 2018.11,	210	0.017	0.017	0.02	9.62	1.32	5.48	0	20.7	0
CBN (%DW)	505.30	GC-FID	116	0.0469	0.0405	0.0401	8.98	1.4	5.48	0	20.7	0
CBN (%DW)	505.10	Other LC-UV	209	0.028	0.0207	0.0207	18.2	2.59	5.48	0	20.7	0
CBN (%DW)	505.20	Other LC-MS	105	0.0254	0.017	0.0197	20.7	2.9	5.48	0	20.7	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.3971	0.3994	0.4009	0.48	0.1	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.4722	0.476	0.4766	0.5	0.11	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.3973	0.3939	0.3886	1.11	0.24	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	218	0.394	0.385	0.391	1.18	0.26	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	211	0.422	0.42	0.411	1.4	0.31	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.4618	0.4502	0.4633	1.56	0.35	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	103	0.4133	0.4253	0.4147	1.57	0.35	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	208	0.4056	0.4166	0.4023	1.83	0.4	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.416	0.4156	0.4	2.22	0.49	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.4186	0.4035	0.422	2.37	0.52	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	199	0.4349	0.4391	0.4193	2.42	0.53	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.41	0.4	0.39	2.5	0.55	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.4609	0.4829	0.4791	2.48	0.56	2.85	0.48	9.75	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%DW)	506.10	Other LC-UV	209	0.4163	0.4341	0.4369	2.6	0.57	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.4485	0.4652	0.4405	2.79	0.62	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.389	0.4	0.375	3.23	0.7	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.5687	0.5761	0.5431	3.08	0.71	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.3985	0.3812	0.4084	3.48	0.76	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.4123	0.447	0.4244	4.12	0.91	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.5445	0.5146	0.5	4.36	0.99	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.4803	0.4376	0.4646	4.69	1.05	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.462	0.421	0.455	4.92	1.09	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.4342	0.3823	0.4533	8.68	1.91	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.3612	0.3015	0.3482	9.32	1.98	2.85	0.48	9.75	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.356	0.408	0.432	9.75	2.13	2.85	0.48	9.75	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	189	11.0277	11.1006	11.0523	0.34	0.12	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	204	11.2244	11.2939	11.2831	0.33	0.12	3.12	0.33	11.9	0
Total CBD (%DW)	507.02	AOAC 2018.11,	218	10.862	10.758	10.859	0.55	0.2	3.12	0.33	11.9	0
Total CBD (%DW)	507.30	Other LC-MS	105	11.5	11.2	11.4	1.34	0.48	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	192	11.4991	11.4927	11.2059	1.47	0.53	3.12	0.33	11.9	0
Total CBD (%DW)	507.60	NIR	187	10.06	10.35	10.08	1.59	0.57	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	142	12.3311	12.2438	11.9659	1.57	0.57	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	208	12.8138	12.8422	12.409	1.91	0.7	3.12	0.33	11.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%DW)	507.10	Other LC-UV	196	12.6718	13.0678	12.5453	2.14	0.78	3.12	0.33	11.9	0
Total CBD (%DW)	507.02	AOAC 2018.11,	199	12.4382	13.0757	12.3394	3.17	1.16	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	116	12.0806	12.8745	12.4188	3.2	1.17	3.12	0.33	11.9	0
Total CBD (%DW)	507.40	GC-FID	138	13.5904	12.5073	13.0838	4.15	1.53	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	172	14.874	14.0446	13.7196	4.19	1.56	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	109	14.067	12.938	13.714	4.26	1.58	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	211	12.365	12.234	11.394	4.39	1.6	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	118	10.149	10.585	9.67	4.52	1.6	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	215	11.641	12.2141	13.3401	6.97	2.55	3.12	0.33	11.9	0
Total CBD (%DW)	507.10	Other LC-UV	154	9.8875	8.2209	9.9421	10.5	3.67	3.12	0.33	11.9	0
Total CBD (%DW)	507.40	GC-FID	116	11.5954	10.3996	9.1282	11.9	4.23	3.12	0.33	11.9	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	211	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	189	0.0294	0.0295	0.0301	1.28	0.19				0
CBDV (%DW)	508.99	Other	196	0.0373	0.0364	0.0371	1.28	0.2				0
CBDV (%DW)	508.99	Other	208	0.1285	0.14	0.1349	4.29	0.79				0
CBDV (%DW)	508.02	AOAC 2018.11,	210	0.036	0.034	0.038	5.56	0.85				0
CBDV (%DW)	508.99	Other	154	0.0472	0.0391	0.0443	9.43	1.48				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBDVA (%DW)									
CBDVA (%DW)	509.02	AOAC 2018.11,	210	0.067	0.068	0.067	0.86	0.14				0
CBDVA (%DW)	509.99	Other	196	0.067	0.0683	0.0654	2.17	0.36				0
CBDVA (%DW)	509.99	Other	154	0.0598	0.053	0.0589	6.45	1.05				0
CBDVA (%DW)	509.99	Other	208	0.141	0.2145	0.1222	30.6	5.83				0
			CBG (%DW)									
CBG (%DW)	510.99	Other	189	0.1817	0.1824	0.1834	0.47	0.09	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	204	0.1747	0.1756	0.1727	0.85	0.16	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	196	0.1451	0.1458	0.1406	1.96	0.37	5.61	0.47	12.2	0
CBG (%DW)	510.02	AOAC 2018.11,	210	0.148	0.148	0.142	2.37	0.45	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	142	0.1598	0.1625	0.1523	3.34	0.63	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	208	0.1664	0.1571	0.1569	3.39	0.65	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	109	0.177	0.147	0.166	9.29	1.77	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	154	0.1747	0.1404	0.1633	11	2.08	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	105	0.151	0.132	0.121	11.3	2.09	5.61	0.47	12.2	0
CBG (%DW)	510.99	Other	211	0.16	0.159	0.128	12.2	2.3	5.61	0.47	12.2	0
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	204	0.2763	0.279	0.2762	0.57	0.12	4.77	0.57	15.3	0
CBGA (%DW)	511.99	Other	189	0.2721	0.2749	0.2747	0.57	0.12	4.77	0.57	15.3	0
CBGA (%DW)	511.99	Other	208	0.2982	0.2891	0.2982	1.78	0.37	4.77	0.57	15.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%DW)	511.99	Other	196	0.2793	0.2868	0.2758	2	0.41	4.77	0.57	15.3	0
CBGA (%DW)	511.99	Other	142	0.2996	0.2991	0.2857	2.67	0.56	4.77	0.57	15.3	0
CBGA (%DW)	511.99	Other	109	0.341	0.301	0.327	6.28	1.33	4.77	0.57	15.3	0
CBGA (%DW)	511.02	AOAC 2018.11,	210	0.239	0.242	0.209	7.93	1.59	4.77	0.57	15.3	0
CBGA (%DW)	511.99	Other	154	0.1993	0.167	0.1939	9.27	1.81	4.77	0.57	15.3	0
CBGA (%DW)	511.99	Other	211	0.282	0.275	0.211	15.3	3.12	4.77	0.57	15.3	0

THCV (%DW)

THCV (%DW)	512.99	Other	208	<0.0500	<0.0500	<0.0500						1
THCV (%DW)	512.99	Other	189	<0.0001	<0.0001	<0.0001						1
THCV (%DW)	512.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%DW)	512.99	Other	211	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.02	AOAC 2018.11,	210	<0.0140	<0.0140	<0.0140						1
THCV (%DW)	512.99	Other	109	<0.0100	<0.0100	<0.0100						1

Δ8-THC (%DW)

Δ8-THC (%DW)	513.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.02	AOAC 2018.11,	210	<0.0140	<0.0140	<0.0140						1
Δ8-THC (%DW)	513.99	Other	211	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	109	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	196	<0.0205	<0.0205	<0.0205						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%DW)	513.99	Other	208	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%DW)	513.02	AOAC 2018.11,	118	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	189	0.0114	0.0118	0.0118	1.98	0.25				0
CBC (%DW)												
CBC (%DW)	514.99	Other	189	0.343	0.3459	0.3445	0.42	0.09	3.54	0.42	8.83	0
CBC (%DW)	514.02	AOAC 2018.11,	103	0.3201	0.3233	0.3189	0.71	0.15	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	204	0.2815	0.2766	0.2781	0.9	0.19	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	196	0.3607	0.3763	0.3645	2.22	0.48	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	142	0.3432	0.3472	0.3306	2.55	0.54	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	208	0.3264	0.344	0.3243	3.26	0.69	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	105	0.37	0.344	0.352	3.75	0.8	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	109	0.408	0.368	0.399	5.36	1.17	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	211	0.36	0.348	0.309	7.87	1.68	3.54	0.42	8.83	0
CBC (%DW)	514.99	Other	154	0.3042	0.2587	0.3012	8.83	1.84	3.54	0.42	8.83	0

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

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

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