

Hemp Proficiency Testing

All Labs Precision

OL21NOV-1 (oil)



Sample: OL21NOV-1 (oil)

All Labs Precision

Issue Date: December 20, 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)	001.30	Other LC-MS	190	0.1161	0.1171							1
Δ9-THC (%AR)	001.02	AOAC 2018.11,	108	<0.0700	<0.0700	<0.0700						1
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.1	0.1	0.1	0	0	3.08	0	14.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.1171	0.1173	0.1172	0.09	0.02	3.08	0	14.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	192	0.1365	0.137	0.1367	0.18	0.03	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1039	0.1031	0.1039	0.45	0.08	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	125	0.106	0.106	0.105	0.55	0.1	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.0975	0.0969	0.0981	0.62	0.11	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.1031	0.1032	0.1021	0.59	0.11	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.4819	0.4783	0.4842	0.62	0.14	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	209	0.1339	0.1353	0.1326	1.01	0.19	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	219	0.117	0.1195	0.1178	1.08	0.2	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.097	0.095	0.095	1.21	0.21	3.08	0	14.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	210	0.075	0.073	0.074	1.35	0.23	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1	0.0998	0.0977	1.28	0.23	3.08	0	14.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.1	0.101	0.098	1.53	0.27	3.08	0	14.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	199	0.1	0.103	0.0995	1.88	0.33	3.08	0	14.3	0
Δ9-THC (%AR)	001.99	Other	132	0.1	0.096	0.099	2.12	0.37	3.08	0	14.3	0
Δ9-THC (%AR)	001.60	NIR	187	0.62	0.6	0.62	1.88	0.44	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.096	0.098	0.101	2.56	0.45	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.1015	0.1015	0.0968	2.72	0.48	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	211	0.111	0.107	0.105	2.84	0.51	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.0956	0.0952	0.1003	2.92	0.52	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	208	0.1012	0.1075	0.1036	3.05	0.55	3.08	0	14.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.093	0.09	0.096	3.23	0.57	3.08	0	14.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.0953	0.0924	0.0892	3.31	0.58	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1113	0.1039	0.1041	3.96	0.71	3.08	0	14.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.227	0.212	0.216	3.56	0.71	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.0949	0.1003	0.1029	4.11	0.73	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.1113	0.1022	0.1057	4.31	0.77	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.0926	0.0839	0.0858	5.23	0.91	3.08	0	14.3	0
Δ9-THC (%AR)	001.99	Other	183	0.089	0.1007	0.0966	6.22	1.1	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.0939	0.0824	0.0909	6.7	1.17	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	154	0.1015	0.0986	0.0891	6.73	1.19	3.08	0	14.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	161	0.1014	0.088	0.0982	7.3	1.29	3.08	0	14.3	0
Δ9-THC (%AR)	001.03	AOAC 2018.11,	139	0.2384	0.2056	0.2242	7.39	1.48	3.08	0	14.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1112	0.0972	0.0947	8.8	1.56	3.08	0	14.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.0265	0.0216	0.0223	11.3	1.61	3.08	0	14.3	0
Δ9-THC (%AR)	001.99	Other	215	0.0962	0.0972	0.1228	14.3	2.56	3.08	0	14.3	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.99	Other	215	<0.0025	<0.0025	<0.0025						1
Δ9-THCA (%AR)	002.10	Other LC-UV	125	<0.0019	<0.0019	<0.0020						1
Δ9-THCA (%AR)	002.10	Other LC-UV	142	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.10	Other LC-UV	191	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0300	<0.0300	<0.0300						1
Δ9-THCA (%AR)	002.10	Other LC-UV	154	<0.0214	<0.0214	<0.0214						1
Δ9-THCA (%AR)	002.10	Other LC-UV	106	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0050	<0.0050	<0.0050						1
Δ9-THCA (%AR)	002.10	Other LC-UV	212		0.0016	0.0025						1
Δ9-THCA (%AR)	002.30	Other LC-MS	190	<0.0050	<0.0050							1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0200	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.30	Other LC-MS	120	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.60	NIR	187	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.99	Other	132	0	0	0						1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0400	<0.0400	<0.0400						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0100	<0.0093	<0.0095						1
Δ9-THCA (%AR)	002.99	Other	183	<0.0025	<0.0025	<0.0025						1
Δ9-THCA (%AR)	002.03	AOAC 2018.11,	139	<0.0125	<0.0125	<0.0125						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	162	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	192	<0.0300	<0.0300	<0.0300						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	108	0	0	0						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	161	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.10	Other LC-UV	200	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.10	Other LC-UV	109	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0	0	0						1
Δ9-THCA (%AR)	002.10	Other LC-UV	219	<0.0060	<0.0060	<0.0060						1
Δ9-THCA (%AR)	002.10	Other LC-UV	208	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	211	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.10	Other LC-UV	216	<0.0101	<0.0102	<0.0090						1
Δ9-THCA (%AR)	002.10	Other LC-UV	172	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.10	Other LC-UV	184	<0.1000	<0.1000	<0.1000						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	210	0.05	0.05	0.05	0	0				0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0979	0.0976	0.0977	0.16	0.03				0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0052	0.0062	0.0083	24.1	2.84				0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	190	1.1182	1.0756							1
CBD (%AR)	003.02	AOAC 2018.11,	192	2.4095	2.41	2.4089	0.02	0.01	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	189	1.4531	1.4538	1.4583	0.19	0.05	2.57	0.02	8.42	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.30	Other LC-MS	122	1.6793	1.6681	1.6737	0.34	0.09	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	211	1.759	1.74	1.745	0.56	0.15	2.57	0.02	8.42	0
CBD (%AR)	003.99	Other	183	1.4705	1.4539	1.4532	0.67	0.18	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	212	1.7039	1.6982	1.6797	0.75	0.2	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	194	1.6996	1.6687	1.6806	0.93	0.25	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	216	1.8305	1.8396	1.8023	1.07	0.29	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	219	1.721	1.754	1.719	1.14	0.31	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	191	1.6375	1.6188	1.6005	1.14	0.31	2.57	0.02	8.42	0
CBD (%AR)	003.02	AOAC 2018.11,	199	1.767	1.736	1.73	1.14	0.31	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	204	1.7212	1.7412	1.7649	1.26	0.34	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	184	7.813	7.901	7.997	1.16	0.4	2.57	0.02	8.42	0
CBD (%AR)	003.99	Other	132	1.699	1.65	1.669	1.48	0.4	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	196	1.6436	1.6893	1.6874	1.54	0.42	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	172	1.604	1.549	1.568	1.78	0.48	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	142	1.7182	1.7552	1.6941	1.79	0.49	2.57	0.02	8.42	0
CBD (%AR)	003.02	AOAC 2018.11,	210	5.488	5.413	5.314	1.61	0.52	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	162	1.7258	1.6562	1.6702	2.19	0.59	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	208	1.7855	1.7052	1.7349	2.33	0.63	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	109	1.747	1.722	1.81	2.58	0.7	2.57	0.02	8.42	0
CBD (%AR)	003.02	AOAC 2018.11,	108	1.721	1.732	1.807	2.67	0.73	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	106	1.66	1.57	1.59	2.94	0.79	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	149	1.5926	1.5801	1.6803	3.38	0.91	2.57	0.02	8.42	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	125	1.71	1.63	1.59	3.72	1	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	154	1.651	1.5679	1.5341	3.8	1.02	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	200	1.574	1.711	1.612	4.33	1.17	2.57	0.02	8.42	0
CBD (%AR)	003.02	AOAC 2018.11,	161	1.6702	1.5304	1.6601	4.81	1.3	2.57	0.02	8.42	0
CBD (%AR)	003.99	Other	215	1.5135	1.6541	1.5206	5.07	1.36	2.57	0.02	8.42	0
CBD (%AR)	003.60	NIR	187	1.77	1.62	1.77	5.04	1.37	2.57	0.02	8.42	0
CBD (%AR)	003.03	AOAC 2018.11,	139	1.7083	1.5246	1.6388	5.71	1.54	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	197	1.9504	1.7471	1.7712	6.09	1.67	2.57	0.02	8.42	0
CBD (%AR)	003.02	AOAC 2018.11,	103	3.12	3.474	3.4	5.61	1.68	2.57	0.02	8.42	0
CBD (%AR)	003.30	Other LC-MS	120	1.8383	1.9361	1.6769	7.2	1.97	2.57	0.02	8.42	0
CBD (%AR)	003.10	Other LC-UV	155	1.87	1.72	1.58	8.42	2.29	2.57	0.02	8.42	0

CBDA (%AR)

CBDA (%AR)	004.02	AOAC 2018.11,	108	<0.0700	<0.0700	<0.0700						1
CBDA (%AR)	004.10	Other LC-UV	194	<0.0300	<0.0300	<0.0300						1
CBDA (%AR)	004.10	Other LC-UV	149	<0.0400	<0.0400	<0.0400						1
CBDA (%AR)	004.10	Other LC-UV	191	<0.0100	<0.0100	<0.0100						1
CBDA (%AR)	004.30	Other LC-MS	190	0.0299	0.0337							1
CBDA (%AR)	004.60	NIR	187	<0.0500	<0.0500	<0.0500						1
CBDA (%AR)	004.02	AOAC 2018.11,	210	0.05	0.05	0.05	0	0	8.14	0	48.7	0
CBDA (%AR)	004.02	AOAC 2018.11,	103	0.063	0.063	0.063	0	0	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	125	0.0323	0.0324	0.0326	0.47	0.07	8.14	0	48.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	189	0.0299	0.0297	0.0296	0.51	0.08	8.14	0	48.7	0
CBDA (%AR)	004.30	Other LC-MS	122	0.0342	0.0352	0.0347	1.44	0.22	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	196	0.0292	0.0296	0.0286	1.73	0.25	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	211	0.031	0.03	0.031	1.88	0.28	8.14	0	48.7	0
CBDA (%AR)	004.02	AOAC 2018.11,	192	0.0519	0.0517	0.0499	2.15	0.35	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	162	0.0275	0.0264	0.0261	2.76	0.4	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	200	0.031	0.032	0.03	3.23	0.48	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	109	0.037	0.04	0.039	3.95	0.61	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	212	0.0272	0.0278	0.0297	4.62	0.68	8.14	0	48.7	0
CBDA (%AR)	004.99	Other	215	0.0379	0.0346	0.0375	4.91	0.75	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	216	0.0289	0.0284	0.0262	5.16	0.76	8.14	0	48.7	0
CBDA (%AR)	004.02	AOAC 2018.11,	161	0.0322	0.0304	0.0339	5.44	0.81	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	208	0.0446	0.0404	0.0411	5.35	0.83	8.14	0	48.7	0
CBDA (%AR)	004.02	AOAC 2018.11,	199	0.0325	0.029	0.0315	5.82	0.87	8.14	0	48.7	0
CBDA (%AR)	004.99	Other	183	0.0314	0.0278	0.0307	6.37	0.94	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	142	0.0322	0.0289	0.0285	6.8	1.01	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	197	0.0292	0.0246	0.0254	9.31	1.35	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	172	0.03	0.04	0.039	15.2	2.31	8.14	0	48.7	0
CBDA (%AR)	004.03	AOAC 2018.11,	139	0.0188	0.016	0.0129	18.6	2.5	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	219	0.0381	0.0517	0.0379	18.6	2.9	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	184	0.197	0.165	0.135	18.7	3.58	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	154	0.0917	0.0948	0.0597	23.7	4.08	8.14	0	48.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	204	0.0301	0.0443	0.0595	32.9	5.18	8.14	0	48.7	0
CBDA (%AR)	004.10	Other LC-UV	106	0.04	0.02	0.02	43.3	6.3	8.14	0	48.7	0
CBDA (%AR)	004.99	Other	132	0.063	0.03	0.028	48.7	7.54	8.14	0	48.7	0

CBN (%AR)

CBN (%AR)	005.02	AOAC 2018.11,	108	<0.0700	<0.0700	<0.0700						1
CBN (%AR)	005.10	Other LC-UV	149	<0.0400	<0.0400	<0.0400						1
CBN (%AR)	005.10	Other LC-UV	194	<0.0300	<0.0300	<0.0300						1
CBN (%AR)	005.20	Other LC-MS	190	0.0395	0.0378							1
CBN (%AR)	005.10	Other LC-UV	211	0.037	0.037	0.037	0	0	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	106	0.04	0.04	0.04	0	0	4.09	0	20.6	0
CBN (%AR)	005.02	AOAC 2018.11,	210	0.05	0.05	0.05	0	0	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	189	0.0329	0.0328	0.0328	0.18	0.03	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	125	0.0388	0.0391	0.0388	0.44	0.07	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	219	0.036	0.0358	0.0356	0.56	0.08	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	204	0.0364	0.037	0.0365	0.88	0.13	4.09	0	20.6	0
CBN (%AR)	005.02	AOAC 2018.11,	199	0.0325	0.0325	0.032	0.89	0.13	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	196	0.0339	0.0347	0.034	1.27	0.19	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	200	0.036	0.036	0.035	1.62	0.25	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	142	0.0345	0.0341	0.0334	1.64	0.25	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	212	0.0277	0.0259	0.027	3.38	0.49	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	216	0.0372	0.0382	0.0352	4.14	0.63	4.09	0	20.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.10	Other LC-UV	162	0.0339	0.0338	0.0313	4.46	0.67	4.09	0	20.6	0
CBN (%AR)	005.02	AOAC 2018.11,	192	0.0355	0.0387	0.0389	5.06	0.78	4.09	0	20.6	0
CBN (%AR)	005.99	Other	132	0.027	0.026	0.029	5.59	0.82	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	208	0.0369	0.0344	0.0387	5.89	0.9	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	154	0.0182	0.0201	0.0209	7.03	0.98	4.09	0	20.6	0
CBN (%AR)	005.99	Other	183	0.0381	0.0337	0.0377	6.67	1.02	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	197	0.0388	0.0337	0.0366	7.03	1.07	4.09	0	20.6	0
CBN (%AR)	005.02	AOAC 2018.11,	107	0.032	0.027	0.027	10.1	1.48	4.09	0	20.6	0
CBN (%AR)	005.03	AOAC 2018.11,	139	0.0349	0.0317	0.0391	10.5	1.6	4.09	0	20.6	0
CBN (%AR)	005.10	Other LC-UV	109	0.038	0.048	0.038	14	2.17	4.09	0	20.6	0
CBN (%AR)	005.30	GC-FID	138	0.0417	0.0489	0.0321	20.6	3.2	4.09	0	20.6	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	108	<0.0700	<0.0700	<0.0700						1
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.1	0.1	0.1	0	0	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.203	0.2029	0.2029	0.03	0.01	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	125	0.106	0.106	0.105	0.55	0.1	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.1031	0.1032	0.1021	0.59	0.11	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	219	0.117	0.1195	0.1178	1.08	0.2	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.097	0.095	0.095	1.21	0.21	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1	0.0998	0.0977	1.28	0.23	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.1084	0.1085	0.1111	1.4	0.25	3.38	0	14.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.0975	0.0983	0.1003	1.46	0.26	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	199	0.1	0.103	0.0995	1.88	0.33	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.99	Other	132	0.1	0.096	0.099	2.12	0.37	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	107	0.082	0.085	0.081	2.52	0.43	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.62	0.6	0.62	1.88	0.44	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.096	0.098	0.101	2.56	0.45	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.1015	0.1015	0.0968	2.72	0.48	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	211	0.111	0.107	0.105	2.84	0.51	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.0956	0.0952	0.1003	2.92	0.52	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	208	0.1012	0.1075	0.1036	3.05	0.55	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.093	0.09	0.096	3.23	0.57	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.0953	0.0924	0.0892	3.31	0.58	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.0954	0.0973	0.1019	3.4	0.6	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.0949	0.1003	0.1029	4.11	0.73	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.1113	0.1022	0.1057	4.31	0.77	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.0926	0.0839	0.0858	5.23	0.91	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.0797	0.0753	0.0842	5.58	0.96	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.99	Other	183	0.0891	0.1007	0.0966	6.16	1.09	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.0939	0.0824	0.0909	6.7	1.17	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	154	0.1015	0.0986	0.0891	6.73	1.19	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	161	0.1014	0.088	0.0982	7.3	1.29	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	139	0.2384	0.2056	0.2242	7.39	1.48	3.38	0	14.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1112	0.0972	0.0947	8.8	1.56	3.38	0	14.3	0
Total Δ9-THC (%AR)	006.99	Other	215	0.0962	0.0972	0.1228	14.3	2.56	3.38	0	14.3	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	189	1.4792	1.4799	1.4843	0.19	0.05	2.6	0.19	6.13	0
Total CBD (%AR)	007.30	Other LC-MS	122	1.7093	1.699	1.7042	0.3	0.08	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	211	1.786	1.766	1.772	0.58	0.16	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	212	1.7278	1.7226	1.7057	0.67	0.18	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	191	1.6375	1.6188	1.6005	1.14	0.31	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	216	1.8558	1.8645	1.8253	1.11	0.31	2.6	0.19	6.13	0
Total CBD (%AR)	007.02	AOAC 2018.11,	199	1.7955	1.7614	1.7576	1.18	0.32	2.6	0.19	6.13	0
Total CBD (%AR)	007.40	GC-FID	138	1.7956	1.8251	1.8406	1.26	0.34	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	172	1.6303	1.5841	1.6022	1.45	0.39	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	196	1.6693	1.7152	1.7125	1.52	0.41	2.6	0.19	6.13	0
Total CBD (%AR)	007.99	Other	183	1.4981	1.4783	1.453	1.53	0.41	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	219	1.754	1.799	1.752	1.5	0.41	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	194	1.7239	1.6687	1.6806	1.72	0.47	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	142	1.7464	1.7805	1.7191	1.76	0.48	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	204	1.7476	1.7801	1.8171	1.95	0.53	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	162	1.7499	1.6793	1.6931	2.19	0.6	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	208	1.8246	1.7407	1.7709	2.39	0.65	2.6	0.19	6.13	0
Total CBD (%AR)	007.99	Other	132	1.754	1.676	1.694	2.39	0.65	2.6	0.19	6.13	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	109	1.779	1.757	1.844	2.52	0.69	2.6	0.19	6.13	0
Total CBD (%AR)	007.40	GC-FID	169	1.9988	1.9388	1.9016	2.52	0.7	2.6	0.19	6.13	0
Total CBD (%AR)	007.02	AOAC 2018.11,	108	1.724	1.747	1.816	2.72	0.74	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	125	1.73	1.66	1.62	3.33	0.9	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	149	1.5926	1.5801	1.6803	3.38	0.91	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	200	1.6	1.74	1.64	4.34	1.17	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	154	1.7314	1.651	1.5864	4.39	1.19	2.6	0.19	6.13	0
Total CBD (%AR)	007.60	NIR	187	1.77	1.63	1.77	4.69	1.28	2.6	0.19	6.13	0
Total CBD (%AR)	007.02	AOAC 2018.11,	161	1.6984	1.5571	1.6898	4.81	1.3	2.6	0.19	6.13	0
Total CBD (%AR)	007.99	Other	215	1.5468	1.6844	1.5535	4.86	1.31	2.6	0.19	6.13	0
Total CBD (%AR)	007.02	AOAC 2018.11,	107	2.216	2.394	2.409	4.59	1.31	2.6	0.19	6.13	0
Total CBD (%AR)	007.03	AOAC 2018.11,	139	1.7248	1.5386	1.6501	5.72	1.54	2.6	0.19	6.13	0
Total CBD (%AR)	007.02	AOAC 2018.11,	103	3.175	3.529	3.455	5.51	1.66	2.6	0.19	6.13	0
Total CBD (%AR)	007.10	Other LC-UV	197	1.976	1.7687	1.7935	6.13	1.68	2.6	0.19	6.13	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	208	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	106	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.02	AOAC 2018.11,	108	<0.0700	<0.0700	<0.0700						1
CBDV (%AR)	008.99	Other	216	<0.0152	<0.0153	<0.0135						1
CBDV (%AR)	008.99	Other	197	<0.0150	<0.0139	<0.0142						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDV (%AR)	008.02	AOAC 2018.11,	210	0.05	0.05	0.05	0	0	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	200	0.016	0.016	0.016	0	0	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	219	0.0154	0.0154	0.0153	0.38	0.05	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	196	0.0124	0.0124	0.0121	1.41	0.18	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	109	0.034	0.036	0.035	2.86	0.43	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	189	0.0139	0.0132	0.013	3.54	0.46	6.32	0	34.6	0
CBDV (%AR)	008.02	AOAC 2018.11,	192	0.0435	0.045	0.0467	3.55	0.56	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	142	0.016	0.0149	0.0137	7.74	1.03	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	183	0.0184	0.0159	0.0187	8.7	1.19	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	194	0.0313	0.0406	0.0355	13	1.98	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	211	0.017	0.021	0.027	23.2	3.28	6.32	0	34.6	0
CBDV (%AR)	008.99	Other	132	0.004	0.004	0.007	34.6	3.92	6.32	0	34.6	0

CBDVA (%AR)

CBDVA (%AR)	009.02	AOAC 2018.11,	108	0	0	0						1
CBDVA (%AR)	009.99	Other	208	<0.0500	<0.0500	<0.0500						1
CBDVA (%AR)	009.99	Other	197	<0.0100	<0.0093	<0.0095						1
CBDVA (%AR)	009.99	Other	183	<0.0006	<0.0006	<0.0006						1
CBDVA (%AR)	009.99	Other	216	<0.0101	<0.0102	<0.0090						1
CBDVA (%AR)	009.99	Other	219	<0.0060	<0.0060	<0.0060						1
CBDVA (%AR)	009.99	Other	196	<0.0050	<0.0050	<0.0050						1
CBDVA (%AR)	009.99	Other	149	<0.0400	<0.0400	<0.0400						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDVA (%AR)	009.02	AOAC 2018.11,	210	0.05	0.05	0.05	0	0				0
CBG (%AR)												
CBG (%AR)	010.02	AOAC 2018.11,	103	0.173	0.172	0.171	0.58	0.11	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	189	0.1049	0.1035	0.1041	0.67	0.12	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	125	0.0965	0.0954	0.095	0.81	0.14	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	219	0.0931	0.094	0.0924	0.86	0.15	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	142	0.0821	0.0811	0.0801	1.23	0.21	4.53	0.58	15.9	0
CBG (%AR)	010.02	AOAC 2018.11,	210	0.076	0.074	0.074	1.55	0.26	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	122	0.1195	0.115	0.1172	1.92	0.35	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	196	0.0822	0.0853	0.0819	2.26	0.39	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	200	0.091	0.092	0.088	2.3	0.4	4.53	0.58	15.9	0
CBG (%AR)	010.02	AOAC 2018.11,	199	0.09	0.087	0.086	2.37	0.41	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	194	0.0681	0.0717	0.0691	2.67	0.45	4.53	0.58	15.9	0
CBG (%AR)	010.02	AOAC 2018.11,	192	0.1395	0.131	0.1355	3.14	0.58	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	208	0.0962	0.09	0.0935	3.33	0.59	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	149	0.0807	0.0861	0.0812	3.61	0.62	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	132	0.094	0.088	0.089	3.56	0.62	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	109	0.084	0.079	0.085	3.89	0.67	4.53	0.58	15.9	0
CBG (%AR)	010.02	AOAC 2018.11,	108	0.0734	0.0754	0.0804	4.72	0.8	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	212	0.0779	0.0738	0.069	6.06	1.03	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	211	0.094	0.089	0.083	6.21	1.08	4.53	0.58	15.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.99	Other	162	0.0894	0.0784	0.0821	6.72	1.16	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	183	0.0892	0.0753	0.0852	8.6	1.48	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	197	0.0665	0.0619	0.0545	9.93	1.64	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	204	0.0978	0.1172	0.1168	10	1.81	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	154	0.1335	0.1221	0.1092	10	1.83	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	106	0.12	0.1	0.1	10.8	1.94	4.53	0.58	15.9	0
CBG (%AR)	010.99	Other	216	0.068	0.0578	0.0494	15.9	2.61	4.53	0.58	15.9	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	125	<0.0019	<0.0019	<0.0020						1
CBGA (%AR)	011.99	Other	183	<0.0015	<0.0015	<0.0015						1
CBGA (%AR)	011.99	Other	219	<0.0060	<0.0060	<0.0060						1
CBGA (%AR)	011.99	Other	197	<0.0100	<0.0093	<0.0095						1
CBGA (%AR)	011.99	Other	208	<0.0500	<0.0500	<0.0500						1
CBGA (%AR)	011.99	Other	216	<0.0101	<0.0102	<0.0090						1
CBGA (%AR)	011.99	Other	196	<0.0050	<0.0050	<0.0050						1
CBGA (%AR)	011.99	Other	204	0	0.0446	0.0502						1
CBGA (%AR)	011.99	Other	211	<0.1000	<0.1000	<0.1000						1
CBGA (%AR)	011.99	Other	194	<0.0300	<0.0300	<0.0300						1
CBGA (%AR)	011.02	AOAC 2018.11,	108	0	0	0						1
CBGA (%AR)	011.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.02	AOAC 2018.11,	192	<0.0300	<0.0300	<0.0300						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
CBGA (%AR)	011.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.99	Other	106	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.99	Other	132	0	0	0						1
CBGA (%AR)	011.99	Other	149	<0.0400	<0.0400	<0.0400						1
CBGA (%AR)	011.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.02	AOAC 2018.11,	210	0.05	0.05	0.05	0	0				0
CBGA (%AR)	011.99	Other	189	0.002	0.0019	0.0019	2.99	0.29				0
CBGA (%AR)	011.99	Other	212	0.0015	0.0012	0.0019	22.9	2.17				0

THCV (%AR)

THCV (%AR)	012.99	Other	183	<0.0020	<0.0020	<0.0020						1
THCV (%AR)	012.99	Other	196	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	197	<0.0100	<0.0093	<0.0095						1
THCV (%AR)	012.99	Other	219	<0.0060	<0.0060	<0.0060						1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	132	0	0	0						1
THCV (%AR)	012.99	Other	216	<0.0101	<0.0102	<0.0090						1
THCV (%AR)	012.99	Other	149	<0.0400	<0.0400	<0.0400						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

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	211	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	194	<0.0300	<0.0300	<0.0300						1
THCV (%AR)	012.02	AOAC 2018.11,	108	0	0	0						1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.02	AOAC 2018.11,	210	0.051	0.05	0.05	1.15	0.18				0
THCV (%AR)	012.99	Other	189	0.0104	0.0105	0.0044	41.4	5.07				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	122	0.2842	0.2841	0.2842	0.02	0	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	219	0.2603	0.2617	0.2608	0.27	0.06	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	212	0.2619	0.2599	0.2603	0.41	0.08	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	211	0.274	0.272	0.272	0.42	0.09	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	189	0.2826	0.2791	0.2832	0.79	0.16	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	149	0.2571	0.2615	0.2617	1	0.2	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	194	0.2626	0.2613	0.2664	1.01	0.21	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	109	0.276	0.276	0.271	1.05	0.22	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	172	0.255	0.249	0.252	1.19	0.24	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	216	0.2737	0.2676	0.2664	1.45	0.3	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	196	0.2572	0.258	0.2508	1.55	0.32	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	142	0.2672	0.2598	0.2592	1.7	0.35	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	102	0.235	0.237	0.243	1.75	0.35	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	200	0.27	0.273	0.264	1.7	0.35	2.52	0.02	15	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%AR)	013.02	AOAC 2018.11,	199	0.284	0.275	0.274	1.98	0.41	2.52	0.02	15	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	210	0.251	0.248	0.258	2.03	0.41	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	106	0.26	0.25	0.25	2.28	0.46	2.52	0.02	15	0
Δ8-THC (%AR)	013.01	AOAC 2018.10	204	0.2728	0.2817	0.2865	2.48	0.51	2.52	0.02	15	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	108	0.2477	0.2574	0.2624	2.92	0.6	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	138	0.2815	0.2777	0.2662	2.9	0.6	2.52	0.02	15	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	103	0.585	0.559	0.556	2.81	0.65	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	209	0.3303	0.3352	0.3501	3.05	0.65	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	208	0.26	0.2593	0.2751	3.37	0.69	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	162	0.2591	0.24	0.2536	3.92	0.8	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	165	0.2852	0.2637	0.2658	4.36	0.9	2.52	0.02	15	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	192	0.302	0.329	0.3102	4.41	0.93	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	197	0.2908	0.2646	0.2597	6.15	1.27	2.52	0.02	15	0
Δ8-THC (%AR)	013.03	AOAC 2018.11,	139	0.3128	0.2729	0.2976	6.84	1.43	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	155	0.282	0.255	0.24	8.22	1.68	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	183	0.0977	0.0845	0.0809	10.1	1.75	2.52	0.02	15	0
Δ8-THC (%AR)	013.99	Other	213	0.1423	0.1458	0.1848	15	2.84	2.52	0.02	15	0

CBC (%AR)

CBC (%AR)	014.99	Other	109	0.126	0.126	0.126	0	0	2.62	0	116	0
CBC (%AR)	014.99	Other	106	0.11	0.11	0.11	0	0	2.62	0	116	0
CBC (%AR)	014.99	Other	189	0.1173	0.1175	0.1178	0.21	0.04	2.62	0	116	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	125	0.123	0.124	0.123	0.47	0.09	2.62	0	116	0
CBC (%AR)	014.99	Other	149	0.1202	0.1221	0.1205	0.84	0.15	2.62	0	116	0
CBC (%AR)	014.99	Other	162	0.1196	0.1212	0.1194	0.82	0.15	2.62	0	116	0
CBC (%AR)	014.99	Other	132	0.117	0.115	0.116	0.86	0.16	2.62	0	116	0
CBC (%AR)	014.99	Other	219	0.1286	0.1306	0.128	1.05	0.19	2.62	0	116	0
CBC (%AR)	014.02	AOAC 2018.11,	199	0.1225	0.121	0.1245	1.43	0.26	2.62	0	116	0
CBC (%AR)	014.02	AOAC 2018.11,	103	0.256	0.251	0.249	1.43	0.29	2.62	0	116	0
CBC (%AR)	014.99	Other	204	0.1283	0.1305	0.1324	1.57	0.29	2.62	0	116	0
CBC (%AR)	014.99	Other	196	0.1188	0.1222	0.1177	1.96	0.36	2.62	0	116	0
CBC (%AR)	014.99	Other	200	0.147	0.149	0.143	2.09	0.39	2.62	0	116	0
CBC (%AR)	014.99	Other	194	0.1117	0.1125	0.1079	2.22	0.4	2.62	0	116	0
CBC (%AR)	014.99	Other	142	0.1176	0.1168	0.1118	2.72	0.49	2.62	0	116	0
CBC (%AR)	014.99	Other	211	0.127	0.123	0.12	2.85	0.52	2.62	0	116	0
CBC (%AR)	014.99	Other	212	0.1116	0.1109	0.1051	3.27	0.59	2.62	0	116	0
CBC (%AR)	014.99	Other	154	0.0895	0.0862	0.0834	3.54	0.61	2.62	0	116	0
CBC (%AR)	014.99	Other	208	0.1268	0.1183	0.1249	3.62	0.66	2.62	0	116	0
CBC (%AR)	014.02	AOAC 2018.11,	108	0.11	0.1159	0.1246	6.29	1.14	2.62	0	116	0
CBC (%AR)	014.99	Other	216	0.1261	0.1223	0.1111	6.51	1.19	2.62	0	116	0
CBC (%AR)	014.99	Other	183	0.1271	0.1124	0.1265	6.82	1.25	2.62	0	116	0
CBC (%AR)	014.99	Other	197	0.1264	0.1119	0.1044	9.79	1.77	2.62	0	116	0
CBC (%AR)	014.02	AOAC 2018.11,	192	0.1671	0.159	1.166	116	26.27	2.62	0	116	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)									
Cd (ug/g AR)	101.04	ICP-MS	122	<0.0500	<0.0500	<0.0500						1
Cd (ug/g AR)	101.04	ICP-MS	183	<0.0200	<0.0200	<0.0200						1
Cd (ug/g AR)	101.04	ICP-MS	197	<0.0967	<0.0980	<0.0982						1
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.04	ICP-MS	194	<0.0020	<0.0020	<0.0020						1
Cd (ug/g AR)	101.04	ICP-MS	196	<0.0241	<0.0241	<0.0241						1
Cd (ug/g AR)	101.04	ICP-MS	106	<0.0800	<0.0800	<0.0800						1
Cd (ug/g AR)	101.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1
Cd (ug/g AR)	101.04	ICP-MS	142	0.0009	0.001	0.001	5.97	0.53				0
			As (ug/g AR)									
As (ug/g AR)	102.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1
As (ug/g AR)	102.04	ICP-MS	194	<0.0020	<0.0020	<0.0020						1
As (ug/g AR)	102.04	ICP-MS	122	<0.0500	<0.0500	<0.0500						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	196	<0.0482	<0.0482	<0.0482						1
As (ug/g AR)	102.04	ICP-MS	197	<0.0967	<0.0980	<0.0982						1
As (ug/g AR)	102.04	ICP-MS	183	<0.0200	<0.0200	<0.0200						1
As (ug/g AR)	102.04	ICP-MS	106	<0.0800	<0.0800	<0.0800						1
As (ug/g AR)	102.04	ICP-MS	142	0.0077	0.0114	0.012	22.5	2.84				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Hg (ug/g AR)									
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0967	<0.0980	<0.0982						1
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072						1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0020	<0.0020	<0.0020						1
Hg (ug/g AR)	103.04	ICP-MS	122	<0.0500	<0.0500	<0.0500						1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	183	<0.0500	<0.0500	<0.0500						1
Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080						1
Hg (ug/g AR)	103.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1
Hg (ug/g AR)	103.04	ICP-MS	142	0.001	0.0008	0.0007	18.3	1.59				0
			Pb (ug/g AR)									
Pb (ug/g AR)	104.04	ICP-MS	183	<0.0200	<0.0200	<0.0200						1
Pb (ug/g AR)	104.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1
Pb (ug/g AR)	104.04	ICP-MS	194	<0.0020	<0.0020	<0.0020						1
Pb (ug/g AR)	104.04	ICP-MS	196	<0.0722	<0.0722	<0.0722						1
Pb (ug/g AR)	104.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Pb (ug/g AR)	104.04	ICP-MS	197	<0.0967	<0.0980	<0.0982						1
Pb (ug/g AR)	104.04	ICP-MS	106	<0.0800	<0.0800	<0.0800						1
Pb (ug/g AR)	104.04	ICP-MS	122	<0.0500	<0.0500	<0.0500						1
Pb (ug/g AR)	104.04	ICP-MS	142	0.0162	0.0188	0.0173	7.49	1.02				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)	105.04	ICP-MS	196	<0.4890	<0.4890	<0.4890						1
Cu (ug/g AR)	105.04	ICP-MS	142	0.2901	0.279	0.285	1.95	0.41				0
			Ni (ug/g AR)									
Ni (ug/g AR)	106.04	ICP-MS	196	<0.7220	<0.7220	<0.7220						1
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	196	<0.0722	<0.0722	<0.0722						1
Cr (ug/g AR)	107.04	ICP-MS	197	<0.2418	<0.2451	<0.2456						1
Cr (ug/g AR)	107.04	ICP-MS	142	0.004	0.002	0.006	50	5.47				0
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	197	<0.0967	<0.0980	<0.0982						1
Se (ug/g AR)	108.04	ICP-MS	196	<0.0963	<0.0963	<0.0963						1
Se (ug/g AR)	108.04	ICP-MS	142	0.0041	0.0023	0.003	29	3.06				0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	<0.4890	<0.4890	<0.4890						1
Zn (ug/g AR)	111.04	ICP-MS	142	0.209	0.3679	0.1904	38.1	7.79				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
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0048	0.0045	0.0047	3.27	0.37				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	142	0.0005	0.0005	0.0006	10.8	0.88				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	212	0.013	0.019	0.0135	22	2.93				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	200	0.0044	0.0062	0.0038	26	2.93				0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0044	0.0043	0.0042	2.33	0.26				0
beta-Caryophyllene (%)	202.02	GC,MS	142	0.0018	0.0017	0.0018	3.27	0.32				0
beta-Caryophyllene (%)	202.02	GC,MS	200	0.0031	0.0032	0.0033	3.12	0.33				0
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0015	0.0014	0.0019	16.5	1.58				0
beta-Caryophyllene (%)	202.02	GC,MS	212	0.0104	0.0089	0.0066	22.2	2.72				0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	142	<0.0001	0.0002	<0.0001						1
(-)-Caryophyllene oxide	203.02	GC,MS	200	<0.0019	<0.0019	<0.0019						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
(-)-Caryophyllene oxide	203.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	200	<0.0400	<0.0400	<0.0400						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Geraniol (%AR)	204.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Humulene (%AR)	205.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0025	0.0024	0.0025	2.34	0.24				0
alpha-Humulene (%AR)	205.02	GC,MS	142	0.0005	0.0004	0.0005	12.4	0.98				0
alpha-Humulene (%AR)	205.02	GC,MS	200	0.0012	0.0016	0.0015	14.5	1.36				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	200	<0.0011	<0.0011	<0.0011						1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.02	GC,MS	194	0.0011	0.0011	0.0011	0	0				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)	206.02	GC,MS	142	0.0002	0.0002	0.0002	0	0				0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Linalool (%AR)	207.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Linalool (%AR)	207.02	GC,MS	142	<0.0001	<0.0001	0.0001						1
Linalool (%AR)	207.02	GC,MS	200	<0.0032	<0.0032	<0.0032						1
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	200	<0.0004	<0.0004	<0.0004						1
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0016	0.0016	0.0016	0	0				0
beta-Myrcene (%AR)	208.02	GC,MS	142	0.0002	0.0002	0.0002	0	0				0
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	200	<0.0009	<0.0009	0.0013						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.04	Other	142	<0.0001	<0.0001	<0.0001						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Pinene (%AR)	211.02	GC,MS	200	<0.0002	<0.0002	<0.0002						1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Pinene (%AR)	211.02	GC,MS	142	0.0001	0.0001	0.001	130	10.07				0
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	200	<0.0013	<0.0013	<0.0013						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	200	<0.0010	<0.0010	<0.0010						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
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

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
gamma-Terpinene (%A	214.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
gamma-Terpinene (%A	214.02	GC,MS	200	<0.0004	<0.0004	<0.0004						1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	200	<0.0008	<0.0008	<0.0008						1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinolene (%A	215.02	GC,MS	142	0.0001	<0.0001	<0.0001						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Moisture (%AR)												
Moisture (%AR)	500.50	AOAC 930.15	210	0.05	0.05	0.05	0	0				0
Δ9-THC (%DW)												
Δ9-THC (%DW)	501.10	Other LC-UV	118	<0.2000	<0.2000	<0.2000						1
Δ9-THCA (%DW)												
Δ9-THCA (%DW)	502.10	Other LC-UV	118	<0.2000	<0.2000	<0.2000						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%DW)												
CBD (%DW)	503.10	Other LC-UV	118	1.72	1.72	1.7	0.67	0.18				0
CBDA (%DW)												
CBDA (%DW)	504.10	Other LC-UV	118	<0.2000	<0.2000	<0.2000						1
Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	<0.2000	<0.2000	<0.2000						1
Total CBD (%DW)												
Total CBD (%DW)	507.10	Other LC-UV	118	1.72	1.72	1.7	0.67	0.18				0
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	118	<0.2000	0.23	0.25						1

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