

Hemp Proficiency Testing

All Labs Precision

OL21SEP-1 (oil)



Sample: OL21SEP-1 (oil)

All Labs Precision

Issue Date: October 24, 2021

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.10	Other LC-UV	118	<0.1980	<0.1980	<0.1980						1
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.103	0.1027	0.1032	0.24	0.04	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.1047	0.1055	0.1055	0.44	0.08	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.1182	0.117	0.1167	0.68	0.12	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.1008	0.1026	0.1022	0.93	0.17	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.102	0.101	0.1	0.99	0.18	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1217	0.1191	0.12	1.1	0.2	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.0223	0.0227	0.023	1.55	0.22	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1011	0.1005	0.0987	1.25	0.22	3.43	0.24	11	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	108	0.0915	0.0901	0.0891	1.34	0.23	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1028	0.1055	0.1048	1.34	0.24	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.119	0.116	0.118	1.3	0.24	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.0958	0.0981	0.0983	1.43	0.25	3.43	0.24	11	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	199	0.103	0.1035	0.1005	1.57	0.28	3.43	0.24	11	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.115	0.117	0.119	1.71	0.31	3.43	0.24	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 (%AR)	001.10	Other LC-UV	155	0.081	0.084	0.083	1.85	0.32	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	209	0.1235	0.1213	0.1264	2.07	0.38	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.11	0.106	0.106	2.15	0.39	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	154	0.0984	0.0976	0.0943	2.25	0.4	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.0946	0.0951	0.0906	2.64	0.46	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	215	0.102	0.1011	0.0968	2.78	0.49	3.43	0.24	11	0
Δ9-THC (%AR)	001.60	NIR	187	0.83	0.86	0.83	2.06	0.5	3.43	0.24	11	0
Δ9-THC (%AR)	001.99	Other	132	0.095	0.098	0.101	3.06	0.54	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.0923	0.0867	0.0893	3.13	0.55	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.102	0.0971	0.094	4.13	0.73	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	211	0.109	0.107	0.1	4.49	0.8	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.103	0.108	0.098	4.85	0.87	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.12	0.11	0.12	4.95	0.9	3.43	0.24	11	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	214	0.11	0.1	0.11	5.41	0.97	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.107	0.099	0.11	5.4	0.97	3.43	0.24	11	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	210	0.06	0.067	0.067	6.25	1.04	3.43	0.24	11	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	161	0.1053	0.0993	0.0935	5.94	1.05	3.43	0.24	11	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.118	0.105	0.111	5.84	1.05	3.43	0.24	11	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.0988	0.1089	0.0945	7.34	1.3	3.43	0.24	11	0
Δ9-THC (%AR)	001.99	Other	183	0.0642	0.0749	0.0681	7.84	1.32	3.43	0.24	11	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.116	0.0987	0.1055	8.17	1.46	3.43	0.24	11	0
Δ9-THC (%AR)	001.02	AOAC 2018.11,	125	0.0962	0.108	0.113	8.16	1.46	3.43	0.24	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 (%AR)	001.10	Other LC-UV	208	0.1061	0.1079	0.0902	9.61	1.71	3.43	0.24	11	0
Δ9-THC (%AR)	001.03	AOAC 2018.11,	139	0.0953	0.1148	0.1171	11	1.97	3.43	0.24	11	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.30	Other LC-MS	149	<0.0400	<0.0400	<0.0400						1
Δ9-THCA (%AR)	002.10	Other LC-UV	191	<0.0031	<0.0031	<0.0031						1
Δ9-THCA (%AR)	002.10	Other LC-UV	172	<0.0200	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.10	Other LC-UV	118	<0.1980	<0.1980	<0.1980						1
Δ9-THCA (%AR)	002.10	Other LC-UV	216	<0.0098	<0.0095	<0.0103						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	149	<0.0400	<0.0400	<0.0400						1
Δ9-THCA (%AR)	002.30	Other LC-MS	120	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.30	Other LC-MS	122	<0.0010	<0.0010	<0.0010						1
Δ9-THCA (%AR)	002.99	Other	132	0	0	0						1
Δ9-THCA (%AR)	002.99	Other	183	0	0	0						1
Δ9-THCA (%AR)	002.10	Other LC-UV	162	<0.0100	<0.0100	<0.0100						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	142	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	161	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	211	<0.0010	<0.0010	<0.0010						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	125	0.0023	0.0022	<0.0362						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	108	0	0	0						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)	002.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.03	AOAC 2018.11,	139	<0.0125	<0.0125	<0.0125						1
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0	0	0						1
Δ9-THCA (%AR)	002.10	Other LC-UV	208	<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	197	<0.0093	<0.0094	<0.0105						1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0130	<0.0130	<0.0130						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0210	<0.0210	<0.0210						1
Δ9-THCA (%AR)	002.10	Other LC-UV	207	<0.0190	<0.0190	<0.0190						1
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.01	0.01	0.01	0	0				0
Δ9-THCA (%AR)	002.60	NIR	187	0.01	0.01	0.01	0	0				0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0042	0.005	0.0054	12.6	1.42				0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.0183	0.0099	0.0042	65.7	8.34				0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	122	1.4982	1.4944	1.4983	0.15	0.04	2.27	0.15	12.2	0
CBD (%AR)	003.02	AOAC 2018.11,	161	1.5397	1.5461	1.5445	0.22	0.06	2.27	0.15	12.2	0
CBD (%AR)	003.02	AOAC 2018.11,	108	1.571	1.564	1.566	0.23	0.06	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	191	1.5114	1.5166	1.5234	0.4	0.11	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	207	1.616	1.604	1.606	0.4	0.11	2.27	0.15	12.2	0
CBD (%AR)	003.02	AOAC 2018.11,	210	1.424	1.434	1.436	0.45	0.12	2.27	0.15	12.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.99	Other	183	1.6467	1.6534	1.6713	0.77	0.21	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	196	1.7656	1.7566	1.7346	0.91	0.25	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	118	1.672	1.644	1.644	0.98	0.26	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	184	1.4984	1.5069	1.5274	0.99	0.26	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	155	1.44	1.43	1.46	1.06	0.28	2.27	0.15	12.2	0
CBD (%AR)	003.99	Other	132	1.534	1.5	1.514	1.13	0.3	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	149	1.579	1.582	1.546	1.27	0.34	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	142	1.6821	1.6731	1.6412	1.29	0.35	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	189	1.2029	1.2328	1.2337	1.43	0.37	2.27	0.15	12.2	0
CBD (%AR)	003.02	AOAC 2018.11,	199	1.664	1.6955	1.715	1.52	0.41	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	162	1.6271	1.637	1.675	1.54	0.41	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	194	1.5494	1.5846	1.5994	1.63	0.44	2.27	0.15	12.2	0
CBD (%AR)	003.60	NIR	187	1.77	1.72	1.72	1.66	0.45	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	216	1.7171	1.7507	1.6946	1.64	0.45	2.27	0.15	12.2	0
CBD (%AR)	003.02	AOAC 2018.11,	214	1.59	1.57	1.53	1.95	0.52	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	197	1.7256	1.7059	1.7716	1.94	0.53	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	211	1.564	1.527	1.488	2.49	0.66	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	212	1.6309	1.571	1.5548	2.53	0.68	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	109	1.897	1.909	1.815	2.73	0.75	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	215	1.5348	1.4783	1.5646	2.87	0.77	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	204	1.6233	1.6142	1.5196	3.62	0.97	2.27	0.15	12.2	0
CBD (%AR)	003.02	AOAC 2018.11,	103	1.719	1.76	1.636	3.71	1.01	2.27	0.15	12.2	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	106	1.61	1.48	1.58	4.37	1.17	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	154	1.4014	1.3235	1.2774	4.7	1.23	2.27	0.15	12.2	0
CBD (%AR)	003.02	AOAC 2018.11,	125	1.49	1.59	1.65	5.13	1.38	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	200	1.533	1.515	1.389	5.3	1.41	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	208	1.5755	1.7172	1.5605	5.34	1.44	2.27	0.15	12.2	0
CBD (%AR)	003.10	Other LC-UV	172	1.598	1.448	1.621	6.04	1.62	2.27	0.15	12.2	0
CBD (%AR)	003.03	AOAC 2018.11,	139	1.3023	1.5661	1.5916	10.8	2.87	2.27	0.15	12.2	0
CBD (%AR)	003.30	Other LC-MS	149	1.43	1.808	1.744	12.2	3.29	2.27	0.15	12.2	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	118	<0.1980	<0.1980	<0.1980						1
CBDA (%AR)	004.10	Other LC-UV	172	<0.0200	<0.0200	<0.0200						1
CBDA (%AR)	004.02	AOAC 2018.11,	125	0.0325	0.0313	<0.0362						1
CBDA (%AR)	004.10	Other LC-UV	149	<0.0400	<0.0400	<0.0400						1
CBDA (%AR)	004.02	AOAC 2018.11,	210	<0.0510	<0.0500	<0.0520						1
CBDA (%AR)	004.10	Other LC-UV	155	0.01	0.01	0.01	0	0	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	106	0.03	0.03	0.03	0	0	4.94	0	34.1	0
CBDA (%AR)	004.02	AOAC 2018.11,	214	0.04	0.04	0.04	0	0	4.94	0	34.1	0
CBDA (%AR)	004.30	Other LC-MS	122	0.0306	0.0305	0.0308	0.5	0.07	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	191	0.0291	0.0288	0.0288	0.6	0.09	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	142	0.029	0.029	0.0285	1	0.15	4.94	0	34.1	0
CBDA (%AR)	004.02	AOAC 2018.11,	199	0.026	0.026	0.0265	1.1	0.16	4.94	0	34.1	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	0.0276	0.0282	0.0278	1.1	0.16	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	162	0.0262	0.026	0.0266	1.16	0.17	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	109	0.037	0.037	0.038	1.55	0.24	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	207	0.027	0.028	0.028	2.09	0.31	4.94	0	34.1	0
CBDA (%AR)	004.02	AOAC 2018.11,	108	0.0128	0.0121	0.0126	2.88	0.37	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	184	0.0293	0.0309	0.0302	2.66	0.39	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	194	0.0194	0.0187	0.0198	2.88	0.4	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	197	0.0275	0.027	0.0287	3.15	0.46	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	200	0.029	0.027	0.028	3.57	0.52	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	211	0.028	0.027	0.026	3.7	0.54	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	196	0.0275	0.0292	0.027	4.13	0.61	4.94	0	34.1	0
CBDA (%AR)	004.02	AOAC 2018.11,	161	0.0264	0.0283	0.026	4.57	0.67	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	216	0.0306	0.029	0.0276	5.16	0.76	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	212	0.0234	0.0263	0.0225	8.25	1.18	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	208	0.0273	0.0323	0.0294	8.46	1.25	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	204	0.0303	0.0304	0.0359	9.95	1.49	4.94	0	34.1	0
CBDA (%AR)	004.30	Other LC-MS	149	0.027	0.022	0.026	10.6	1.53	4.94	0	34.1	0
CBDA (%AR)	004.03	AOAC 2018.11,	139	0.0104	0.0156	0.0143	20.1	2.64	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	154	0.069	0.0804	0.0563	17.6	2.95	4.94	0	34.1	0
CBDA (%AR)	004.10	Other LC-UV	215	0.0374	0.0243	0.0323	21.1	3.14	4.94	0	34.1	0
CBDA (%AR)	004.99	Other	183	0.0303	0.032	0.0163	32.9	4.77	4.94	0	34.1	0
CBDA (%AR)	004.99	Other	132	0.045	0.025	0.027	34.1	5.1	4.94	0	34.1	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)	005.02	AOAC 2018.11,	210	<0.0510	<0.0500	<0.0520						1
CBN (%AR)	005.02	AOAC 2018.11,	214	0.04	0.04	0.04	0	0	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	106	0.05	0.05	0.05	0	0	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	207	0.042	0.042	0.042	0	0	3.52	0	55.1	0
CBN (%AR)	005.02	AOAC 2018.11,	108	0.0374	0.0375	0.0376	0.27	0.04	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	216	0.0449	0.0444	0.0447	0.56	0.09	3.52	0	55.1	0
CBN (%AR)	005.02	AOAC 2018.11,	199	0.0405	0.0405	0.041	0.71	0.11	3.52	0	55.1	0
CBN (%AR)	005.20	Other LC-MS	122	0.0427	0.0429	0.0423	0.72	0.11	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	142	0.0428	0.0425	0.0422	0.71	0.11	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	197	0.0461	0.0453	0.0463	1.15	0.18	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	162	0.0418	0.0418	0.0428	1.37	0.21	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	200	0.043	0.043	0.042	1.35	0.21	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	149	0.043	0.042	0.042	1.36	0.21	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	211	0.042	0.041	0.042	1.39	0.22	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	189	0.0348	0.0358	0.0359	1.71	0.26	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	196	0.0432	0.0448	0.0441	1.82	0.29	3.52	0	55.1	0
CBN (%AR)	005.99	Other	183	0.046	0.0485	0.0464	2.86	0.45	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	194	0.0361	0.0371	0.0385	3.24	0.5	3.52	0	55.1	0
CBN (%AR)	005.02	AOAC 2018.11,	125	0.046	0.046	0.0493	4.05	0.64	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	204	0.0442	0.0435	0.0403	4.87	0.76	3.52	0	55.1	0
CBN (%AR)	005.20	Other LC-MS	149	0.038	0.042	0.041	5.16	0.8	3.52	0	55.1	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	208	0.0407	0.0451	0.0423	5.22	0.81	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	212	0.0318	0.0303	0.0277	6.93	1.03	3.52	0	55.1	0
CBN (%AR)	005.02	AOAC 2018.11,	107	0.057	0.052	0.06	7.17	1.17	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	109	0.045	0.046	0.053	9.08	1.44	3.52	0	55.1	0
CBN (%AR)	005.99	Other	132	0.027	0.033	0.035	13.1	1.96	3.52	0	55.1	0
CBN (%AR)	005.03	AOAC 2018.11,	139	0.0324	0.0392	0.0441	15.2	2.34	3.52	0	55.1	0
CBN (%AR)	005.10	Other LC-UV	154	0.0514	0.0421	0.0362	17.7	2.77	3.52	0	55.1	0
CBN (%AR)	005.30	GC-FID	138	0.0434	0.0558	0.0149	55.1	8.46	3.52	0	55.1	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.10	Other LC-UV	118	<0.1980	<0.1980	<0.1980						1
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.1	0.1	0.1	0	0	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.103	0.1027	0.1032	0.24	0.04	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.1047	0.1055	0.1055	0.44	0.08	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.1182	0.117	0.1167	0.68	0.12	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1008	0.1026	0.1022	0.93	0.17	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1217	0.1191	0.12	1.1	0.2	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1011	0.1005	0.0987	1.25	0.22	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	199	0.103	0.1035	0.1005	1.57	0.28	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.0994	0.1025	0.103	1.92	0.34	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.11	0.106	0.106	2.15	0.39	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.0893	0.0859	0.0897	2.36	0.41	4.54	0	76.3	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	142	0.0946	0.0951	0.0906	2.64	0.46	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.99	Other	132	0.095	0.098	0.101	3.06	0.54	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	107	0.105	0.1	0.106	3.1	0.55	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.0923	0.0867	0.0893	3.13	0.55	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.102	0.0971	0.094	4.13	0.73	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	108	0.0915	0.1	0.0963	4.44	0.78	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	211	0.109	0.107	0.1	4.49	0.8	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.103	0.108	0.098	4.85	0.87	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	214	0.11	0.1	0.11	5.41	0.97	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.118	0.105	0.111	5.84	1.05	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	161	0.1053	0.0993	0.0935	5.94	1.05	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	125	0.0982	0.11	0.113	7.31	1.31	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.99	Other	183	0.0642	0.0749	0.0681	7.84	1.32	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	154	0.0984	0.0902	0.0833	8.34	1.46	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.116	0.0987	0.1055	8.17	1.46	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.1129	0.1165	0.0978	9.1	1.64	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	208	0.1061	0.1079	0.0902	9.61	1.71	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	139	0.0953	0.1148	0.1171	11	1.97	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.0906	0.085	0.1206	19.4	3.43	4.54	0	76.3	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.107	0.009	0.11	76.3	12.97	4.54	0	76.3	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)									
Total CBD (%AR)	007.30	Other LC-MS	122	1.525	1.5211	1.5253	0.15	0.04	2.53	0.15	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	161	1.5629	1.5709	1.5673	0.26	0.07	2.53	0.15	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	108	1.582	1.574	1.577	0.26	0.07	2.53	0.15	11.9	0
Total CBD (%AR)	007.99	Other	183	1.6733	1.6814	1.6856	0.37	0.1	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	191	1.5114	1.5166	1.5234	0.4	0.11	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	197	0.1217	0.1191	0.12	1.1	0.2	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	196	1.7897	1.7823	1.7582	0.93	0.25	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	118	1.672	1.644	1.644	0.98	0.26	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	149	1.579	1.582	1.546	1.27	0.34	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	142	1.7075	1.6985	1.6662	1.28	0.35	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	189	1.2271	1.2575	1.2581	1.42	0.37	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	162	1.65	1.6598	1.6983	1.53	0.41	2.53	0.15	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	199	1.6868	1.7183	1.7382	1.51	0.41	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	194	1.5664	1.601	1.6167	1.61	0.43	2.53	0.15	11.9	0
Total CBD (%AR)	007.99	Other	132	1.573	1.522	1.538	1.69	0.45	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	216	1.7439	1.7761	1.7188	1.64	0.45	2.53	0.15	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	214	1.59	1.57	1.53	1.95	0.52	2.53	0.15	11.9	0
Total CBD (%AR)	007.40	GC-FID	169	1.7789	1.7159	1.7891	2.25	0.61	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	212	1.6489	1.5912	1.5721	2.49	0.67	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	211	1.589	1.551	1.511	2.52	0.67	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	109	1.929	1.941	1.848	2.65	0.73	2.53	0.15	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)	007.40	GC-FID	138	1.657	1.7407	1.7474	2.94	0.8	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	215	1.5677	1.4997	1.5929	3.1	0.83	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	204	1.6499	1.6409	1.5511	3.38	0.91	2.53	0.15	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	125	1.51	1.62	1.65	4.63	1.24	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	154	1.4619	1.394	1.3267	4.85	1.28	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	200	1.56	1.54	1.41	5.42	1.44	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	208	1.5994	1.7454	1.5862	5.38	1.45	2.53	0.15	11.9	0
Total CBD (%AR)	007.10	Other LC-UV	172	1.598	1.448	1.621	6.04	1.62	2.53	0.15	11.9	0
Total CBD (%AR)	007.02	AOAC 2018.11,	107	1.78	2.065	1.734	9.64	2.65	2.53	0.15	11.9	0
Total CBD (%AR)	007.03	AOAC 2018.11,	139	1.3115	1.5798	1.6041	10.8	2.89	2.53	0.15	11.9	0
Total CBD (%AR)	007.30	Other LC-MS	149	1.453	1.827	1.766	11.9	3.23	2.53	0.15	11.9	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0093	<0.0094	<0.0105						1
CBDV (%AR)	008.99	Other	162	<0.0100	0.0175	0.0191						1
CBDV (%AR)	008.99	Other	207	<0.0190	<0.0190	<0.0190						1
CBDV (%AR)	008.99	Other	216	<0.0146	<0.0142	<0.0155						1
CBDV (%AR)	008.99	Other	106	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	132	0	0.004	0.006						1
CBDV (%AR)	008.99	Other	196	<0.0210	<0.0210	<0.0210						1
CBDV (%AR)	008.02	AOAC 2018.11,	210	<0.0510	<0.0500	<0.0520						1
CBDV (%AR)	008.02	AOAC 2018.11,	214	0.01	0.01	0.01	0	0	2.49	0	8.33	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	200	0.014	0.014	0.014	0	0	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	211	0.017	0.017	0.017	0	0	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	189	0.0106	0.0107	0.0106	0.54	0.07	2.49	0	8.33	0
CBDV (%AR)	008.02	AOAC 2018.11,	108	0.0096	0.0096	0.0098	1.19	0.15	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	142	0.0163	0.0159	0.0157	1.91	0.26	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	109	0.034	0.033	0.033	1.73	0.26	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	183	0.016	0.0171	0.0163	3.45	0.47	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	208	0.0244	0.0267	0.0256	4.5	0.65	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	149	0.013	0.012	0.011	8.33	1.08	2.49	0	8.33	0
CBDV (%AR)	008.99	Other	194	0.0175	0.019	0.0162	7.98	1.09	2.49	0	8.33	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	216	<0.0098	<0.0095	<0.0103						1
CBDVA (%AR)	009.99	Other	183	0	0	0						1
CBDVA (%AR)	009.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
CBDVA (%AR)	009.99	Other	197	<0.0996	<0.1002	<0.1000						1
CBDVA (%AR)	009.99	Other	196	<0.0210	<0.0210	<0.0210						1
CBDVA (%AR)	009.02	AOAC 2018.11,	108	0	0	0						1
CBDVA (%AR)	009.02	AOAC 2018.11,	210	<0.0510	<0.0500	<0.0520						1
CBDVA (%AR)	009.99	Other	208	<0.0100	<0.0100	<0.0100						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	
			CBG (%AR)									
CBG (%AR)	010.99	Other	204	0	0	0						1
CBG (%AR)	010.99	Other	132	0.073	0	0.085						1
CBG (%AR)	010.02	AOAC 2018.11,	214	0.09	0.09	0.09	0	0	2.76	0	9.56	0
CBG (%AR)	010.99	Other	155	0.09	0.09	0.09	0	0	2.76	0	9.56	0
CBG (%AR)	010.99	Other	122	0.1105	0.1107	0.1106	0.09	0.02	2.76	0	9.56	0
CBG (%AR)	010.02	AOAC 2018.11,	108	0.0876	0.0876	0.0872	0.26	0.05	2.76	0	9.56	0
CBG (%AR)	010.99	Other	142	0.0851	0.0856	0.0851	0.34	0.06	2.76	0	9.56	0
CBG (%AR)	010.02	AOAC 2018.11,	210	0.081	0.083	0.083	1.4	0.24	2.76	0	9.56	0
CBG (%AR)	010.99	Other	200	0.099	0.096	0.097	1.57	0.28	2.76	0	9.56	0
CBG (%AR)	010.99	Other	162	0.0878	0.0851	0.0872	1.64	0.28	2.76	0	9.56	0
CBG (%AR)	010.99	Other	216	0.0876	0.0896	0.0865	1.79	0.31	2.76	0	9.56	0
CBG (%AR)	010.02	AOAC 2018.11,	199	0.0925	0.0915	0.095	1.94	0.34	2.76	0	9.56	0
CBG (%AR)	010.99	Other	197	0.0843	0.0878	0.0861	2.03	0.35	2.76	0	9.56	0
CBG (%AR)	010.99	Other	196	0.0962	0.0945	0.0922	2.13	0.37	2.76	0	9.56	0
CBG (%AR)	010.99	Other	189	0.0995	0.0984	0.0947	2.58	0.46	2.76	0	9.56	0
CBG (%AR)	010.99	Other	194	0.0807	0.0765	0.0791	2.69	0.46	2.76	0	9.56	0
CBG (%AR)	010.99	Other	183	0.093	0.0985	0.0959	2.87	0.51	2.76	0	9.56	0
CBG (%AR)	010.99	Other	149	0.093	0.089	0.088	2.94	0.51	2.76	0	9.56	0
CBG (%AR)	010.99	Other	109	0.088	0.089	0.084	3.04	0.53	2.76	0	9.56	0
CBG (%AR)	010.99	Other	208	0.0935	0.1005	0.0944	3.96	0.7	2.76	0	9.56	0
CBG (%AR)	010.99	Other	212	0.0843	0.0813	0.0762	5.08	0.87	2.76	0	9.56	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	207	0.091	0.099	0.101	5.46	0.96	2.76	0	9.56	0
CBG (%AR)	010.99	Other	106	0.11	0.1	0.11	5.41	0.97	2.76	0	9.56	0
CBG (%AR)	010.02	AOAC 2018.11,	125	0.0765	0.0871	0.0873	7.39	1.28	2.76	0	9.56	0
CBG (%AR)	010.99	Other	154	0.0922	0.0869	0.0776	8.64	1.5	2.76	0	9.56	0
CBG (%AR)	010.99	Other	211	0.089	0.086	0.074	9.56	1.65	2.76	0	9.56	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	132	0	0	0						1
CBGA (%AR)	011.99	Other	196	<0.0210	<0.0210	<0.0210						1
CBGA (%AR)	011.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.99	Other	183	0	0	0						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	149	<0.0400	<0.0400	<0.0400						1
CBGA (%AR)	011.99	Other	207	0.022	0.02	<0.0190						1
CBGA (%AR)	011.99	Other	122	<0.0010	<0.0010	<0.0010						1
CBGA (%AR)	011.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.99	Other	216	<0.0098	<0.0095	<0.0103						1
CBGA (%AR)	011.02	AOAC 2018.11,	125	<0.0018	<0.0020	<0.0362						1
CBGA (%AR)	011.02	AOAC 2018.11,	210	<0.0510	<0.0500	<0.0520						1
CBGA (%AR)	011.02	AOAC 2018.11,	108	0	0	0						1
CBGA (%AR)	011.99	Other	208	<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	
CBGA (%AR)	011.02	AOAC 2018.11,	199	<0.0250	<0.0250	<0.0250						1
CBGA (%AR)	011.99	Other	194	<0.0130	<0.0130	<0.0130						1
CBGA (%AR)	011.99	Other	197	<0.0093	<0.0094	<0.0105						1
CBGA (%AR)	011.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.99	Other	189	0.0021	0.0022	0.0021	2.71	0.27				0
CBGA (%AR)	011.99	Other	204	0.102	0.1025	0.0902	7.09	1.25				0
CBGA (%AR)	011.99	Other	212	0.0023	0.0018	0.0009	42.6	4.09				0

THCV (%AR)

THCV (%AR)	012.99	Other	196	<0.0210	<0.0210	<0.0210						1
THCV (%AR)	012.99	Other	132	0	0	0						1
THCV (%AR)	012.99	Other	194	<0.0130	<0.0130	<0.0130						1
THCV (%AR)	012.99	Other	197	<0.0093	<0.0094	<0.0105						1
THCV (%AR)	012.99	Other	183	0	0	0						1
THCV (%AR)	012.99	Other	216	<0.0098	<0.0095	<0.0103						1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	149	<0.0400	<0.0400	<0.0400						1
THCV (%AR)	012.99	Other	208	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.02	AOAC 2018.11,	214	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.02	AOAC 2018.11,	108	0	0	0						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	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.02	AOAC 2018.11,	210	<0.0510	<0.0500	<0.0520						1
THCV (%AR)	012.99	Other	211	<0.0010	<0.0010	<0.0010						1
THCV (%AR)	012.99	Other	189	0.0081	0.0087	0.0086	3.8	0.47				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.03	AOAC 2018.11,	122	0.3438	0.3431	0.3433	0.1	0.02	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	207	0.358	0.359	0.358	0.16	0.03	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	196	0.3653	0.3678	0.3642	0.5	0.11	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	216	0.3715	0.3719	0.3676	0.64	0.14	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	108	0.3655	0.3628	0.3602	0.73	0.16	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	212	0.3542	0.3586	0.3594	0.78	0.17	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	109	0.366	0.366	0.36	0.95	0.2	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	200	0.349	0.344	0.342	1.05	0.22	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	209	0.4104	0.4136	0.4185	0.98	0.22	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	189	0.3258	0.3346	0.3321	1.37	0.29	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	142	0.368	0.3641	0.3571	1.52	0.33	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	199	0.376	0.384	0.388	1.6	0.35	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	162	0.3381	0.3417	0.3506	1.87	0.4	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	194	0.3366	0.3467	0.3509	2.13	0.46	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	183	0.2525	0.2582	0.2656	2.54	0.52	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	211	0.35	0.341	0.333	2.49	0.53	2.31	0.1	14.1	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)	013.99	Other	149	0.36	0.35	0.34	2.86	0.61	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	197	0.3734	0.3742	0.3923	2.81	0.61	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	214	0.36	0.35	0.34	2.86	0.61	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	208	0.3608	0.3713	0.3501	2.94	0.63	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	106	0.36	0.34	0.36	3.27	0.7	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.02	AOAC 2018.11,	210	0.26	0.289	0.281	5.41	1.12	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	154	0.3115	0.2875	0.2713	6.97	1.45	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.03	AOAC 2018.11,	139	0.3198	0.3794	0.3887	10.3	2.22	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	138	0.3499	0.3357	0.4131	11.3	2.43	2.31	0.1	14.1	0
Δ8-THC (%AR)	013.99	Other	118	0.465	0.445	0.575	14.1	3.19	2.31	0.1	14.1	0

CBC (%AR)

CBC (%AR)	014.99	Other	106	<0.0100	<0.0100	<0.0100						1
CBC (%AR)	014.02	AOAC 2018.11,	214	0.12	0.12	0.12	0	0	2.55	0	25.5	0
CBC (%AR)	014.99	Other	196	0.1287	0.1291	0.1285	0.24	0.04	2.55	0	25.5	0
CBC (%AR)	014.99	Other	109	0.128	0.129	0.129	0.45	0.08	2.55	0	25.5	0
CBC (%AR)	014.99	Other	207	0.128	0.129	0.128	0.45	0.08	2.55	0	25.5	0
CBC (%AR)	014.02	AOAC 2018.11,	108	0.12	0.121	0.1195	0.64	0.12	2.55	0	25.5	0
CBC (%AR)	014.99	Other	142	0.1206	0.1206	0.1184	1.06	0.19	2.55	0	25.5	0
CBC (%AR)	014.99	Other	132	0.109	0.109	0.111	1.05	0.19	2.55	0	25.5	0
CBC (%AR)	014.99	Other	216	0.1282	0.1285	0.126	1.07	0.2	2.55	0	25.5	0
CBC (%AR)	014.99	Other	189	0.1023	0.1045	0.1048	1.31	0.23	2.55	0	25.5	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	149	0.124	0.121	0.121	1.42	0.26	2.55	0	25.5	0
CBC (%AR)	014.02	AOAC 2018.11,	199	0.1225	0.124	0.1205	1.44	0.26	2.55	0	25.5	0
CBC (%AR)	014.99	Other	162	0.1173	0.1139	0.1174	1.71	0.31	2.55	0	25.5	0
CBC (%AR)	014.99	Other	200	0.142	0.139	0.137	1.81	0.34	2.55	0	25.5	0
CBC (%AR)	014.99	Other	194	0.1145	0.1157	0.1187	1.86	0.34	2.55	0	25.5	0
CBC (%AR)	014.99	Other	197	0.1284	0.1281	0.1338	2.47	0.46	2.55	0	25.5	0
CBC (%AR)	014.02	AOAC 2018.11,	125	0.115	0.121	0.119	2.58	0.47	2.55	0	25.5	0
CBC (%AR)	014.99	Other	204	0.1293	0.129	0.1229	2.84	0.52	2.55	0	25.5	0
CBC (%AR)	014.99	Other	208	0.1155	0.1209	0.1117	3.98	0.72	2.55	0	25.5	0
CBC (%AR)	014.99	Other	211	0.119	0.115	0.109	4.4	0.8	2.55	0	25.5	0
CBC (%AR)	014.02	AOAC 2018.11,	103	0.141	0.148	0.132	5.72	1.07	2.55	0	25.5	0
CBC (%AR)	014.99	Other	212	0.1059	0.1105	0.0974	6.35	1.13	2.55	0	25.5	0
CBC (%AR)	014.99	Other	154	0.1073	0.0976	0.0943	6.78	1.2	2.55	0	25.5	0
CBC (%AR)	014.99	Other	155	0.117	0.0977	0.0996	10.2	1.81	2.55	0	25.5	0
CBC (%AR)	014.99	Other	183	0.1279	0.1793	0.2167	25.5	4.92	2.55	0	25.5	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	197	<0.0996	<0.1002	<0.1000						1
Cd (ug/g AR)	101.04	ICP-MS	122	<0.0010	<0.0010	<0.0010						1
Cd (ug/g AR)	101.03	ICP-OES	132	0.0138								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	183	<0.0010	<0.0010	<0.0010						1

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	214	<0.0100	<0.0100	<0.0100						1
Cd (ug/g AR)	101.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1
Cd (ug/g AR)	101.04	ICP-MS	106	<0.0050	<0.0050	<0.0050						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	<0.0200	<0.0200	<0.0200						1
Cd (ug/g AR)	101.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	122	<0.0010	<0.0010	<0.0010						1
As (ug/g AR)	102.03	ICP-OES	132	0.2								1
As (ug/g AR)	102.04	ICP-MS	194	<0.0200	<0.0200	<0.0200						1
As (ug/g AR)	102.04	ICP-MS	106	<0.0050	<0.0050	<0.0050						1
As (ug/g AR)	102.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						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	196	<0.0482	<0.0482	<0.0482						1
As (ug/g AR)	102.04	ICP-MS	214	<0.0100	<0.0100	<0.0100						1
As (ug/g AR)	102.04	ICP-MS	197	<0.0996	<0.1002	<0.1000						1
As (ug/g AR)	102.04	ICP-MS	183	<0.0020	<0.0020	<0.0020						1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
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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	197	<0.0996	<0.1002	<0.1000						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	196	<0.0072	<0.0072	<0.0072						1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200						1
Hg (ug/g AR)	103.04	ICP-MS	214	<0.0100	<0.0100	<0.0100						1
Hg (ug/g AR)	103.04	ICP-MS	106	<0.0005	<0.0005	<0.0005						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	122	<0.0010	<0.0010	<0.0010						1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	197	<0.0996	<0.1002	<0.1000						1
Pb (ug/g AR)	104.04	ICP-MS	194	<0.0200	<0.0200	<0.0200						1
Pb (ug/g AR)	104.04	ICP-MS	214	<0.0100	<0.0100	<0.0100						1
Pb (ug/g AR)	104.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						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	196	<0.0722	<0.0722	<0.0722						1
Pb (ug/g AR)	104.04	ICP-MS	211	<0.1000	<0.1000	<0.1000						1
Pb (ug/g AR)	104.02	furnace AA	132	0.28								1
Pb (ug/g AR)	104.04	ICP-MS	183	<0.0020	<0.0020	<0.0020						1
Pb (ug/g AR)	104.04	ICP-MS	106	<0.0050	<0.0050	<0.0050						1
Pb (ug/g AR)	104.04	ICP-MS	122	0.0139	0.041	0.0137	68.7	9.76				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	0.08								1
Cu (ug/g AR)	105.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1
Cu (ug/g AR)	105.04	ICP-MS	214	<0.0500	<0.0500	<0.0500						1
Cu (ug/g AR)	105.04	ICP-MS	196	<0.4890	<0.4890	<0.4890						1
Ni (ug/g AR)												
Ni (ug/g AR)	106.03	ICP-OES	132	0.08								1
Ni (ug/g AR)	106.04	ICP-MS	214	<0.1000	<0.1000	<0.1000						1
Ni (ug/g AR)	106.04	ICP-MS	196	<0.7220	<0.7220	<0.7220						1
Ni (ug/g AR)	106.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	214	<0.0200	<0.0200	0.044						1
Cr (ug/g AR)	107.04	ICP-MS	197	<0.0996	<0.1002	<0.1000						1
Cr (ug/g AR)	107.04	ICP-MS	196	<0.0722	<0.0722	<0.0722						1
Cr (ug/g AR)	107.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1
Se (ug/g AR)												
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	<0.0010	<0.0010	<0.0010						1

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)	108.04	ICP-MS	196	<0.0963	<0.0963	<0.0963						1
Se (ug/g AR)	108.04	ICP-MS	197	<0.0996	<0.1002	<0.1000						1
Ag (ug/g AR)												
Ag (ug/g AR)	109.03	ICP-OES	132	0.088								1
Ag (ug/g AR)	109.04	ICP-MS	214	<0.0500	<0.0500	<0.0500						1
Ba (ug/g AR)												
Ba (ug/g AR)	110.03	ICP-OES	132	0.16								1
Ba (ug/g AR)	110.04	ICP-MS	214	0.022	0.02	0.052	57.2	8.53				0
Zn (ug/g AR)												
Zn (ug/g AR)	111.03	ICP-OES	132	0.16								1
Zn (ug/g AR)	111.04	ICP-MS	142	<0.0010	<0.0010	<0.0010						1
Zn (ug/g AR)	111.04	ICP-MS	196	<0.4890	<0.4890	<0.4890						1
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	214	<0.0100	<0.0100	<0.0100						1
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	211	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-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	142	0.0004	0.0004	0.0004	0	0				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.0016	0.0016	0.0016	0	0				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0018	0.002	0.0025	17.2	1.71				0

beta-Caryophyllene (%AR)

beta-Caryophyllene (%)	202.02	GC,MS	196	<0.0013	0.0014	0.0015						1
beta-Caryophyllene (%)	202.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
beta-Caryophyllene (%)	202.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Caryophyllene (%)	202.02	GC,MS	142	0.0018	0.0018	0.0018	0	0				0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.0032	0.0031	0.0034	4.72	0.5				0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0025	0.0029	0.0028	7.62	0.79				0

(-)-Caryophyllene oxide (%AR)

(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
(-)-Caryophyllene oxide	203.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
(-)-Caryophyllene oxide	203.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
(-)-Caryophyllene oxide	203.02	GC,MS	183	0	0	0						1
(-)-Caryophyllene oxide	203.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Geraniol (%AR)												
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	142	<0.0001	<0.0001	<0.0001						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Geraniol (%AR)	204.02	GC,MS	183	0	0	0						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	211	<0.0050	<0.0050	<0.0050						1
alpha-Humulene (%AR)	205.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Humulene (%AR)	205.02	GC,MS	194	0.001	0.001	0.001	0	0				0
alpha-Humulene (%AR)	205.02	GC,MS	142	0.0005	0.0005	0.0005	0	0				0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.0012	0.0013	0.0013	4.56	0.42				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
d-Limonene (%AR)	206.02	GC,MS	142	0.0002	0.0002	0.0002	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	183	0.0008	0.0008	0.0007	7.53	0.64				0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	183	0	0	0						1
Linalool (%AR)	207.02	GC,MS	211	<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	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.02	GC,MS	142	0.0002	0.0001	0.0001	43.3	2.85				0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
beta-Myrcene (%AR)	208.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	142	0.0002	0.0002	0.0002	0	0				0
beta-Myrcene (%AR)	208.02	GC,MS	183	0.0013	0.0013	0.0013	0	0				0
Nopinene (%AR)												
Nopinene (%AR)	209.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
Nopinene (%AR)	209.02	GC,MS	183	0.0003	0.0004	0.0004	15.7	1.2				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		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	183	0	0	0						1
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Ocimene (%AR)	210.04	Other	142	<0.0001	<0.0001	<0.0001						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
		alpha-Pinene (%AR)										
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	0.0001						1
alpha-Pinene (%AR)	211.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
alpha-Pinene (%AR)	211.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.02	GC,MS	183	0.0006	0.0006	0.0005	10.2	0.83				0
		(-)-beta-Pinene (%AR)										
(-)-beta-Pinene (%AR)	212.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
(-)-beta-Pinene (%AR)	212.02	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	
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	183	0	0	0						1
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004						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	142	<0.0001	<0.0001	<0.0001						1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	GC,MS	183	0	0	0						1
gamma-Terpinene (%A	214.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
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	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinolene (%A	215.02	GC,MS	183	0	0	0						1
alpha-Terpinolene (%A	215.02	GC,MS	211	<0.0050	<0.0050	<0.0050						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<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	
alpha-Terpinolene (%A	215.02	GC,MS	142	<0.0001	<0.0001	<0.0001						1
Moisture (%AR)												
Moisture (%AR)	500.99	Other	142	3.81	4.24	4.65	9.92	3.09				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