

Hemp Proficiency Testing

All Labs Trueness

HM22NOV-2 (hemp)



Sample: HM22NOV-2 (hemp)

All Labs Trueness

Issue Date: January 20, 2023

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.106	0.116	0.112	0.111	-3.38	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1165	0.1288	0.1185	0.121	-3	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1575	0.1554	0.1629	0.159	-1.57	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.171	0.173	0.163	0.169	-1.18	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1737	0.166	0.1671	0.169	-1.18	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1722	0.178	0.1768	0.176	-0.92	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1741	0.186	0.1783	0.179	-0.78	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.177	0.18	0.181	0.179	-0.78	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1731	0.209	0.1598	0.181	-0.73	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.178	0.191	0.176	0.182	-0.69	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.18	0.185	0.182	0.182	-0.67	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	224	0.1872	0.1793	0.1836	0.183	-0.63	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.99	Other	132	0.199	0.185	0.178	0.187	-0.48	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.185	0.196	0.189	0.19	-0.37	0.1998	40	0.0262	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1914	0.1866	0.1932	0.19	-0.36	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1931	0.1911	0.196	0.193	-0.24	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.2	0.19	0.19	0.193	-0.25	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.2058	0.1846	0.1882	0.193	-0.26	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1963	0.1995	0.1958	0.197	-0.1	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.198	0.194	0.203	0.198	-0.06	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.2025	0.2028	0.1876	0.198	-0.08	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.2082	0.1918	0.199	0.2	-0.01	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.2055	0.2008	0.1979	0.201	0.06	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2051	0.2007	0.202	0.203	0.11	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1988	0.2051	0.2091	0.204	0.17	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2013	0.2089	0.2103	0.207	0.27	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	120	0.2098	0.2078	0.2076	0.208	0.33	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2164	0.2109	0.2041	0.21	0.41	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.213	0.212	0.2075	0.211	0.42	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.99	Other	183	0.213	0.211	0.213	0.212	0.48	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2143	0.2154	0.21	0.213	0.51	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2151	0.2481	0.216	0.226	1.02	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.60	NIR	187	0.23	0.24	0.21	0.227	1.03	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2404	0.2375	0.2026	0.227	1.03	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2325	0.2309	0.227	0.23	1.16	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2436	0.2289	0.2268	0.233	1.27	0.1998	40	0.0262	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.25	0.23	0.24	0.24	1.54	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2423	0.2326	0.2464	0.24	1.55	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.288	0.238	0.217	0.248	1.83	0.1998	40	0.0262	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.91	0.188	0.19	0.429	8.77	0.1998	40	0.0262	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	191	<0.0050	<0.0050	<0.0050	<0.0050					1
Δ9-THCA (%AR)	002.10	Other LC-UV	170	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0495	<0.0495	<0.0500	<0.0495					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
Δ9-THCA (%AR)	002.60	NIR	187	<0.0100	0.02	0.01	0.0133	-1.57	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0181	0.0174	0.018	0.0178	-1.04	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	120	0.0177	0.0174	0.0177	0.0176	-1.07	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0183	0.0174	0.0197	0.0185	-0.96	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.019	0.019	0.02	0.0193	-0.86	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.014	0.023	0.022	0.0197	-0.82	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.02	0.017	0.022	0.0197	-0.82	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.019	0.0206	0.0201	0.0199	-0.79	0.0266	29	0.0084	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0241	0.0242	0.0203	0.0229	-0.44	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.02	0.02	0.03	0.0233	-0.39	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.023	0.023	0.022	0.0227	-0.47	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.023	0.0269	0.0234	0.0244	-0.26	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.024	0.024	0.024	0.024	-0.31	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0292	0.0222	0.0222	0.0245	-0.25	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	0.026	0.0253					1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0273	0.0242	0.0261	0.0259	-0.09	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0258	0.0265	0.026	0.0261	-0.06	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0253	0.0255	0.0263	0.0257	-0.11	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0249	0.0264	0.0274	0.0262	-0.04	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.026	0.0292	0.0253	0.0268	0.03	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0273	0.0266	0.032	0.0286	0.24	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0258	0.0321	0.0309	0.0296	0.36	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.033	0.026	0.032	0.0303	0.44	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.99	Other	183	0.043	0.028	0.035	0.0353	1.04	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0326	0.0402	0.0325	0.0351	1.01	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.037	0.0381	0.0343	0.0365	1.17	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0434	0.0434	0.0448	0.0439	2.05	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0494	0.0331	<0.0487	0.0437					1
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.045	0.041	0.045	0.0437	2.02	0.0266	29	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0792	0.0808	0.0817	0.0806	6.4	0.0266	29	0.0084	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	224	0.285	0.2463	0.2555	0.262	27.95	0.0266	29	0.0084	0
CBD (%AR)												
CBD (%AR)	003.10	Other LC-UV	192	3.2066	3.3183	3.2478	3.26	-4.13	4.7273	31	0.3557	0
CBD (%AR)	003.99	Other	132	4.258	4.241	4.2	4.23	-1.39	4.7273	31	0.3557	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.5	4.26	4.27	4.34	-1.08	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	155	4.16	4.45	4.5	4.37	-1	4.7273	31	0.3557	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.4588	4.3582	4.3869	4.4	-0.92	4.7273	31	0.3557	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.3917	4.4308	4.3753	4.4	-0.92	4.7273	31	0.3557	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.443	4.282	4.483	4.4	-0.91	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	149	4.495	4.506	4.487	4.5	-0.65	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	200	4.498	4.495	4.542	4.51	-0.61	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	189	4.5717	4.5217	4.5249	4.54	-0.53	4.7273	31	0.3557	0
CBD (%AR)	003.02	AOAC 2018.11, U	152	4.4578	4.6102	4.5488	4.54	-0.53	4.7273	31	0.3557	0
CBD (%AR)	003.30	Other LC-MS	164	4.5144	4.733	4.4006	4.55	-0.5	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	113	4.42	4.623	4.64	4.56	-0.47	4.7273	31	0.3557	0
CBD (%AR)	003.30	Other LC-MS	102	4.8363	4.4241	4.6149	4.63	-0.29	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	142	4.64	4.61	4.71	4.65	-0.21	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	172	4.688	4.634	4.63	4.65	-0.22	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	196	4.7536	4.8173	4.7896	4.79	0.17	4.7273	31	0.3557	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.811	4.796	4.821	4.81	0.23	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	184	4.858	4.697	4.915	4.82	0.27	4.7273	31	0.3557	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	204	4.8451	4.7251	4.8961	4.82	0.27	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	191	5.2364	4.6999	4.6689	4.87	0.4	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	194	4.9607	4.9544	4.7681	4.89	0.47	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	106	5.04	5	4.8	4.95	0.62	4.7273	31	0.3557	0
CBD (%AR)	003.99	Other	183	5.616	4.085	5.364	5.02	0.83	4.7273	31	0.3557	0
CBD (%AR)	003.30	Other LC-MS	122	5.0295	5.0291	5.025	5.03	0.84	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	170	5.0786	5.0136	5.0451	5.05	0.9	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	116	5.1825	4.9388	5.1238	5.08	1	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	197	5.1792	5.1413	5.184	5.17	1.24	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	163	5.211	5.491	5.423	5.38	1.82	4.7273	31	0.3557	0
CBD (%AR)	003.10	Other LC-UV	144	5.4874	5.2401	5.6911	5.47	2.1	4.7273	31	0.3557	0
CBD (%AR)	003.60	NIR	187	6.68	6.78	6.4	6.62	5.32	4.7273	31	0.3557	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	192	1.9806	2.0449	1.9754	2	-2.76	3.0067	29	0.3643	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	2.3809	2.3921	2.3427	2.37	-1.74	3.0067	29	0.3643	0
CBDA (%AR)	004.60	NIR	187	2.53	2.79	2.14	2.49	-1.43	3.0067	29	0.3643	0
CBDA (%AR)	004.99	Other	132	2.557	2.483	2.459	2.5	-1.39	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	155	2.57	2.72	2.67	2.65	-0.97	3.0067	29	0.3643	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.7823	2.6649	2.7113	2.72	-0.79	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	200	2.766	2.752	2.778	2.77	-0.66	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	189	2.8567	2.8231	2.8224	2.83	-0.47	3.0067	29	0.3643	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	142	2.87	2.79	2.93	2.86	-0.39	3.0067	29	0.3643	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	2.951	2.794	2.822	2.86	-0.41	3.0067	29	0.3643	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	2.81	2.94	2.94	2.9	-0.3	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	196	2.9019	2.9322	2.8989	2.91	-0.26	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	149	2.953	2.98	2.898	2.94	-0.17	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	116	3.0287	3.0556	3.0426	3.04	0.1	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	172	3.106	2.926	3.096	3.04	0.1	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	163	3.077	3.005	3.109	3.06	0.16	3.0067	29	0.3643	0
CBDA (%AR)	004.30	Other LC-MS	122	3.065	3.0525	3.0656	3.06	0.15	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	106	3.09	3.15	2.99	3.08	0.19	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	197	3.0554	3.1382	3.098	3.1	0.25	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	204	3.1591	3.0925	3.1724	3.14	0.37	3.0067	29	0.3643	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.097	3.163	3.146	3.14	0.35	3.0067	29	0.3643	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.3271	3.1058	3.228	3.22	0.59	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	194	3.3131	3.2871	3.192	3.26	0.71	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	144	3.2784	3.2611	3.4428	3.33	0.88	3.0067	29	0.3643	0
CBDA (%AR)	004.99	Other	183	3.781	2.695	3.581	3.35	0.95	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	191	3.7046	3.2471	3.2535	3.4	1.08	3.0067	29	0.3643	0
CBDA (%AR)	004.30	Other LC-MS	164	3.3874	3.9094	3.2443	3.51	1.39	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	184	3.671	3.51	3.787	3.66	1.78	3.0067	29	0.3643	0
CBDA (%AR)	004.10	Other LC-UV	170	3.9737	3.9688	3.935	3.96	2.61	3.0067	29	0.3643	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBN (%AR)									
CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.10	Other LC-UV	197	<0.0743	<0.0743	<0.0750	<0.0743					1
CBN (%AR)	005.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
CBN (%AR)	005.10	Other LC-UV	192	0.0188	0.0324	0.0278	0.0263	-2.21	0.0436	21	0.0078	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0388	0.0332	0.0337	0.0352	-1.07	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	144	0.0369	0.0307	0.0374	0.035	-1.1	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	142	0.035	0.0348	0.0382	0.036	-0.97	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	194	0.0372	0.0368	0.0357	0.0366	-0.9	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	149	0.038	0.041	0.039	0.0393	-0.54	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	196	0.0386	0.0394	0.0388	0.0389	-0.6	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	200	0.04	0.041	0.04	0.0403	-0.42	0.0436	21	0.0078	0
CBN (%AR)	005.30	GC-FID	116	0.0428	0.0403	0.0439	0.0423	-0.16	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	172	0.042	0.041	0.042	0.0417	-0.25	0.0436	21	0.0078	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0344	0.0457	0.0485	0.0429	-0.09	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	204	0.0441	0.0428	0.0439	0.0436	0	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	189	0.0458	0.0447	0.0451	0.0452	0.21	0.0436	21	0.0078	0
CBN (%AR)	005.30	GC-FID	192	0.0498	0.0445	0.0436	0.046	0.31	0.0436	21	0.0078	0
CBN (%AR)	005.99	Other	183	0.047	0.047	0.046	0.0467	0.4	0.0436	21	0.0078	0
CBN (%AR)	005.20	Other LC-MS	102	<0.0494	0.0448	<0.0487	0.0476					1
CBN (%AR)	005.30	GC-FID	138	0.0448	0.0557	0.0492	0.0499	0.81	0.0436	21	0.0078	0
CBN (%AR)	005.30	GC-FID	163	0.052	0.058	0.04	0.05	0.82	0.0436	21	0.0078	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%AR)	005.10	Other LC-UV	106	0.05	0.05	0.05	0.05	0.82	0.0436	21	0.0078	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0533	0.0533	0.0548	0.0538	1.31	0.0436	21	0.0078	0
CBN (%AR)	005.20	Other LC-MS	122	0.055	0.0543	0.0547	0.0547	1.42	0.0436	21	0.0078	0
CBN (%AR)	005.10	Other LC-UV	116	0.0588	0.0686	0.0506	0.0593	2.02	0.0436	21	0.0078	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1283	0.1231	0.1271	0.126	-2.99	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.118	0.136	0.131	0.128	-2.92	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.1737	0.166	0.1671	0.169	-1.65	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.1877	0.1995	0.1805	0.189	-1.02	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1861	0.1907	0.1914	0.189	-1.01	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.178	0.191	0.198	0.189	-1.03	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1914	0.1866	0.1932	0.19	-0.98	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1859	0.1996	0.1901	0.192	-0.94	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.21	0.18	0.19	0.193	-0.89	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1931	0.1911	0.196	0.193	-0.89	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1941	0.1962	0.198	0.196	-0.81	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.1908	0.204	0.196	0.197	-0.78	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1963	0.1995	0.1958	0.197	-0.77	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.2055	0.2008	0.1979	0.201	-0.64	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.199	0.203	0.205	0.202	-0.61	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2079	0.2071	0.195	0.203	-0.58	0.2219	47	0.0321	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.201	0.206	0.203	0.203	-0.58	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.197	0.2324	0.1878	0.206	-0.5	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.99	Other	132	0.219	0.203	0.195	0.206	-0.51	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.214	0.209	0.22	0.214	-0.24	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2082	0.2235	0.2161	0.216	-0.19	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.214	0.218	0.218	0.217	-0.16	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2322	0.213	0.2219	0.222	0.01	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	120	0.2253	0.223	0.2231	0.224	0.06	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2274	0.2318	0.2191	0.226	0.13	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2278	0.224	0.2262	0.226	0.13	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.221	0.2275	0.2322	0.227	0.16	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.2305	0.224	0.2295	0.228	0.19	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2301	0.2307	0.2258	0.229	0.22	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2301	0.233	0.2277	0.23	0.26	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2344	0.2315	0.2343	0.233	0.36	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2018	0.2475	0.2522	0.234	0.37	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.23	0.26	0.22	0.237	0.46	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.99	Other	183	0.251	0.236	0.244	0.244	0.68	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2328	0.2595	0.2426	0.245	0.72	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2353	0.2717	0.2365	0.248	0.81	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2545	0.249	0.2434	0.249	0.84	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.25	0.262	0.244	0.252	0.94	0.2219	47	0.0321	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2647	0.2502	0.2446	0.253	0.97	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2553	0.2565	0.2492	0.254	0.99	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2852	0.247	0.2326	0.255	1.03	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.27	0.25	0.25	0.257	1.08	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2774	0.276	0.2326	0.262	1.25	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.234	0.276	0.297	0.269	1.47	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.273	0.28		0.276	1.7	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2845	0.2629	0.288	0.278	1.76	0.2219	47	0.0321	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.38	0.395	0.425	0.4	5.55	0.2219	47	0.0321	0

Total CBD (%AR)

Total CBD (%AR)	007.40	GC-FID	192	4.5204	4.3021	4.3898	4.4	-4.18	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	192	4.9436	5.1117	4.9802	5.01	-3.29	7.2641	33	0.6847	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.294	6.3365	6.3886	6.01	-1.84	7.2641	33	0.6847	0
Total CBD (%AR)	007.99	Other	132	6.502	6.421	6.358	6.43	-1.22	7.2641	33	0.6847	0
Total CBD (%AR)	007.60	NIR	187	6.68	6.78	6.4	6.62	-0.94	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	155	6.41	6.83	6.84	6.69	-0.83	7.2641	33	0.6847	0
Total CBD (%AR)	007.40	GC-FID	170	6.0589	7.3848	6.8405	6.76	-0.73	7.2641	33	0.6847	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	6.8318	6.7679	6.7531	6.78	-0.7	7.2641	33	0.6847	0
Total CBD (%AR)	007.40	GC-FID	169	6.8352	6.9787	6.8116	6.88	-0.57	7.2641	33	0.6847	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	6.96	6.84	6.86	6.89	-0.55	7.2641	33	0.6847	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	7.031	6.7323	6.9579	6.91	-0.52	7.2641	33	0.6847	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.10	Other LC-UV	200	6.924	6.909	6.978	6.94	-0.48	7.2641	33	0.6847	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	6.8499	7.0967	6.8915	6.95	-0.46	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	189	7.0771	6.9976	7.0002	7.02	-0.35	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.085	7.12	7.028	7.08	-0.27	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	142	7.16	7.06	7.28	7.17	-0.14	7.2641	33	0.6847	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	7.3766	7.082	7.2179	7.23	-0.06	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	172	7.412	7.2001	7.3452	7.32	0.08	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	196	7.2985	7.3888	7.3319	7.34	0.11	7.2641	33	0.6847	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	7.5271	7.5345	7.58	7.55	0.41	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	204	7.6156	7.4372	7.6783	7.58	0.46	7.2641	33	0.6847	0
Total CBD (%AR)	007.60	NIR	138	7.625	7.675	7.59	7.63	0.53	7.2641	33	0.6847	0
Total CBD (%AR)	007.30	Other LC-MS	164	7.4851	8.1615	7.2459	7.63	0.54	7.2641	33	0.6847	0
Total CBD (%AR)	007.30	Other LC-MS	122	7.7175	7.7061	7.7135	7.71	0.65	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	116	7.8386	7.6186	7.7922	7.75	0.71	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	194	7.8663	7.8372	7.5675	7.76	0.72	7.2641	33	0.6847	0
Total CBD (%AR)	007.40	GC-FID	163	7.521	8.083	7.904	7.84	0.84	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	191	8.49	7.55	7.52	7.85	0.86	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	197	7.8588	7.8935	7.9009	7.88	0.91	7.2641	33	0.6847	0
Total CBD (%AR)	007.99	Other	183	8.932	6.448	8.504	7.96	1.02	7.2641	33	0.6847	0
Total CBD (%AR)	007.40	GC-FID	116	8.4107	8.1832	8.3016	8.3	1.51	7.2641	33	0.6847	0
Total CBD (%AR)	007.40	GC-FID	138	7.702	8.5002	8.7512	8.32	1.54	7.2641	33	0.6847	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.3632	8.1077	8.7111	8.39	1.65	7.2641	33	0.6847	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBDV (%AR)									
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBDV (%AR)	008.99	Other	197	<0.0495	<0.0495	<0.0500	<0.0495					1
CBDV (%AR)	008.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
CBDV (%AR)	008.99	Other	196	0.0318	0.0323	0.032	0.032	-1.19	0.0453	6	0.0111	0
CBDV (%AR)	008.99	Other	200	0.041	0.041	0.041	0.041	-0.39	0.0453	6	0.0111	0
CBDV (%AR)	008.99	Other	106	0.05	0.04	0.04	0.0433	-0.18	0.0453	6	0.0111	0
CBDV (%AR)	008.99	Other	183	0.046	0.047	0.046	0.0463	0.09	0.0453	6	0.0111	0
CBDV (%AR)	008.99	Other	189	0.0447	0.0518	0.0449	0.0471	0.17	0.0453	6	0.0111	0
CBDV (%AR)	008.99	Other	142	0.0459	0.451	0.048	0.182	12.27	0.0453	6	0.0111	0
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	197	<0.0495	<0.0495	<0.0500	<0.0495					1
CBDVA (%AR)	009.99	Other	196	0.0255	0.0262	0.0258	0.0258					0
CBDVA (%AR)	009.99	Other	142	0.0314	0.031	0.0331	0.0318					0
CBDVA (%AR)	009.99	Other	149	0.043	0.034	0.034	0.037					0
CBDVA (%AR)	009.99	Other	183	0.046	0.044	0.045	0.045					0
			CBG (%AR)									
CBG (%AR)	010.99	Other	197	0.2307	0.2569	0.244	0.244	-1.76	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	149	0.267	0.297	0.288	0.284	-0.87	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	196	0.2874	0.2917	0.2961	0.292	-0.7	0.3231	15	0.045	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%AR)	010.99	Other	200	0.295	0.289	0.292	0.292	-0.69	0.3231	15	0.045	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.295	0.289	0.303	0.296	-0.61	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	142	0.295	0.297	0.303	0.298	-0.55	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	172	0.29	0.305	0.301	0.299	-0.54	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	194	0.3418	0.3264	0.3192	0.329	0.13	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	132	0.337	0.328	0.323	0.329	0.14	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	155	0.332	0.322	0.344	0.333	0.21	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	204	0.3357	0.3337	0.3614	0.344	0.46	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	183	0.356	0.363	0.348	0.356	0.72	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	189	0.3616	0.3587	0.3562	0.359	0.79	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	122	0.3993	0.3883	0.3895	0.392	1.54	0.3231	15	0.045	0
CBG (%AR)	010.99	Other	106	0.5	0.5	0.48	0.493	3.78	0.3231	15	0.045	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	132	0.341	0.327	0.32	0.329	-1.9	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	106	0.35	0.35	0.33	0.343	-1.43	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	196	0.3663	0.3658	0.3792	0.37	-0.51	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	172	0.376	0.382	0.365	0.374	-0.38	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	142	0.368	0.368	0.39	0.375	-0.34	0.3855	13	0.0295	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.359	0.385	0.385	0.376	-0.31	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	189	0.3835	0.3774	0.3787	0.38	-0.19	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	149	0.395	0.41	0.389	0.398	0.42	0.3855	13	0.0295	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%AR)	011.99	Other	204	0.3982	0.3944	0.4127	0.402	0.55	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	194	0.407	0.4078	0.3939	0.403	0.59	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	197	0.3871	0.4228	0.408	0.406	0.69	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	122	0.4123	0.4123	0.4121	0.412	0.91	0.3855	13	0.0295	0
CBGA (%AR)	011.99	Other	183	0.44	0.435	0.437	0.437	1.76	0.3855	13	0.0295	0

THCV (%AR)

THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
THCV (%AR)	012.99	Other	197	<0.0495	<0.0495	<0.0500	<0.0495					1
THCV (%AR)	012.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
THCV (%AR)	012.99	Other	183	0	0	0	0					2
THCV (%AR)	012.99	Other	189	0.0459	0.0438	0.042	0.0439					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ8-THC (%AR)	013.99	Other	102	<0.0198	<0.0238	<0.0195	<0.0198					1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ8-THC (%AR)	013.99	Other	197	<0.0495	<0.0495	<0.0500	<0.0495					1
Δ8-THC (%AR)	013.99	Other	183	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	189	0.0127	0.01	0.009	0.0106					0
Δ8-THC (%AR)	013.99	Other	138	0.0479	0.0516	0.0503	0.0499					0

CBC (%AR)

CBC (%AR)	014.99	Other	132	0.219	0.208	0.205	0.211	-1.23	0.2333	15	0.0184	0
CBC (%AR)	014.02	AOAC 2018.11, U	103	0.215	0.216	0.222	0.218	-0.85	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	196	0.2185	0.2202	0.2172	0.219	-0.8	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	149	0.224	0.222	0.22	0.222	-0.61	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	142	0.219	0.218	0.228	0.222	-0.63	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	155	0.225	0.228	0.225	0.226	-0.4	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	204	0.2319	0.225	0.2284	0.228	-0.26	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	197	0.2307	0.2188	0.233	0.228	-0.32	0.2333	15	0.0184	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.23	0.227	0.231	0.229	-0.22	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	106	0.24	0.24	0.23	0.237	0.18	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	194	0.2421	0.2394	0.2358	0.239	0.32	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	172	0.243	0.238	0.239	0.24	0.36	0.2333	15	0.0184	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%AR)	014.99	Other	183	0.265	0.258	0.257	0.26	1.45	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	200	0.26	0.269	0.265	0.265	1.7	0.2333	15	0.0184	0
CBC (%AR)	014.99	Other	189	0.2797	0.2742	0.2782	0.277	2.39	0.2333	15	0.0184	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Cd (ug/g AR)	101.04	ICP-MS	224	<0.2100	<0.2291	<0.2274	<0.2100					1
Cd (ug/g AR)	101.04	ICP-MS	183	0.111	0.112	0.116	0.113	-2.18	0.1485	7	0.0163	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.139	0.135	0.133	0.136	-0.79	0.1485	7	0.0163	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.149	0.131	0.155	0.145	-0.22	0.1485	7	0.0163	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1517	0.1591	0.1546	0.155	0.41	0.1485	7	0.0163	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1552	0.1578	0.154	0.156	0.44	0.1485	7	0.0163	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1636	0.1614	0.1571	0.161	0.75	0.1485	7	0.0163	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.161	0.169	0.16	0.163	0.91	0.1485	7	0.0163	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	106	<0.0800	<0.0800	<0.0800	<0.0800					1
As (ug/g AR)	102.04	ICP-MS	197	<0.0952	<0.0954	<0.0980	<0.0952					1
As (ug/g AR)	102.04	ICP-MS	224	<0.1050	<0.1145	<0.1137	<0.1050					1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.04	ICP-MS	102	0.0597	0.0451	0.0434	0.0494					0
As (ug/g AR)	102.04	ICP-MS	183	0.053	0.051	0.05	0.0513					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
As (ug/g AR)	102.04	ICP-MS	196	0.0533	0.0515	0.0543	0.053					0
As (ug/g AR)	102.04	ICP-MS	142	<0.0500	0.063	0.053	0.0553					0
As (ug/g AR)	102.04	ICP-MS	194	0.0649	0.0632	0.0635	0.0639					0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072	<0.0072					1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200	<0.0200					1
Hg (ug/g AR)	103.04	ICP-MS	224	<0.0210	<0.0229	<0.0227	<0.0210					1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0952	<0.0954	<0.0980	<0.0952					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.04	ICP-MS	106	0.008	0.008	0.008	0.008					0
Hg (ug/g AR)	103.04	ICP-MS	102	0.0087	0.0083	0.0087	0.0086					0
Hg (ug/g AR)	103.04	ICP-MS	183	0.038	0.035	0.034	0.0357					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	142	0.264	0.187	0.228	0.226	-1.35	0.3066	9	0.0594	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.2431	0.2523	0.2236	0.24	-1.13	0.3066	9	0.0594	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.324	0.256	0.231	0.27	-0.61	0.3066	9	0.0594	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.2991	0.3363	0.277	0.304	-0.04	0.3066	9	0.0594	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.302	0.339	0.276	0.306	-0.02	0.3066	9	0.0594	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.336	0.341	0.316	0.331	0.41	0.3066	9	0.0594	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Pb (ug/g AR)	104.04	ICP-MS	102	0.3891	0.3621	0.2957	0.349	0.71	0.3066	9	0.0594	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.4156	0.3112	0.3647	0.364	0.96	0.3066	9	0.0594	0
Pb (ug/g AR)	104.04	ICP-MS	224	0.4149	0.3124	0.3823	0.37	1.07	0.3066	9	0.0594	0

Cu (ug/g AR)

Cu (ug/g AR)	105.04	ICP-MS	196	8.52	8.41	8.38	8.44					0
Cu (ug/g AR)	105.04	ICP-MS	142	14	14.2	14.2	14.1					0

Ni (ug/g AR)

Ni (ug/g AR)	106.04	ICP-MS	142	0.673	0.573	0.579	0.608					0
Ni (ug/g AR)	106.04	ICP-MS	196	1.06	1.03	0.999	1.03					0
Ni (ug/g AR)	106.04	ICP-MS	102	2.696	2.6176	2.485	2.6					0

Cr (ug/g AR)

Cr (ug/g AR)	107.04	ICP-MS	197	0.3598	0.3707	0.3249	0.352					0
Cr (ug/g AR)	107.04	ICP-MS	142	0.537	0.357	0.455	0.45					0
Cr (ug/g AR)	107.04	ICP-MS	196	0.482	0.48	0.464	0.475					0

Se (ug/g AR)

Se (ug/g AR)	108.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
Se (ug/g AR)	108.04	ICP-MS	197	<1.0000	<0.0954	<0.0980	<1.0000					1
Se (ug/g AR)	108.04	ICP-MS	102	0.1186	0.1231	0.114	0.119					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Se (ug/g AR)	108.04	ICP-MS	196	0.124	0.126	0.119	0.123					0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
Ag (ug/g AR)	109.04	ICP-MS	102	0.0041	0.0044	0.0039	0.0041					0
Ba (ug/g AR)												
Ba (ug/g AR)	110.04	ICP-MS	142	50.5	52.2	49.1	50.6					0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	196	52.2	51.9	52.6	52.2					0
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					1
Sb (ug/g AR)	112.04	ICP-MS	102	0.0086	0.0093	0.0078	0.0086					0
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0205	0.0208	0.0177	0.0197					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0317	0.0328	0.0303	0.0316					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0592	0.0595	0.0554	0.058					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.095	0.105	0.096	0.0987					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.106	0.104	0.106	0.105					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0384	0.0383	0.0336	0.0368					0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.047	0.0483	0.0446	0.0466					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0472	0.0546	0.0486	0.0501					0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.056	0.061	0.059	0.0587					0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0719	0.0708	0.072	0.0716					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0062	0.0061	0.0055	0.0059					0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.008	0.013	0.012	0.011					0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0124	0.0121	0.0119	0.0121					0
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0169	0.0163	0.0164	0.0165					0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Geraniol (%AR)	204.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Geraniol (%AR)	204.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0155	0.0156	0.0135	0.0149					0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0188	0.0213	0.0184	0.0195					0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0194	0.0194	0.0178	0.0189					0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.021	0.025	0.023	0.023					0
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0377	0.0372	0.038	0.0376					0
d-Limonene (%AR)												
d-Limonene (%AR)	206.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
d-Limonene (%AR)	206.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)	206.02	GC,MS	194	0.0023	0.0024	0.0023	0.0023					0
Linalool (%AR)												
Linalool (%AR)	207.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Linalool (%AR)	207.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	194	0.0056	0.0056	0.0055	0.0056					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.02	GC,MS	196	0.0015	0.0014	0.0013	0.0014					0
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0035	0.0035	0.0033	0.0034					0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Ocimene (%AR)	210.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Ocimene (%AR)	210.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0015	0.0016	0.0015	0.0015					0
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			alpha-Terpinolene (%AR)									
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinolene (%A	215.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
			Moisture (%AR)									
Moisture (%AR)	500.70	Commerc. Anal.	153	3.67	3.46	3.37	3.5	-2.01	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	189	4.712	4.712	4.712	4.71	-1.28	6.8372	22	1.6589	0
Moisture (%AR)	500.99	Other	142	5	5	5.1	5.03	-1.09	6.8372	22	1.6589	0
Moisture (%AR)	500.99	Other	103	4.94	4.95	5.73	5.21	-0.98	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.48	5.34	5.26	5.36	-0.89	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.05	6.05	6.05	6.05	-0.47	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.13	6.19	6.33	6.22	-0.37	6.8372	22	1.6589	0
Moisture (%AR)	500.72	NIR	187	5.5	5.9	7.7	6.37	-0.28	6.8372	22	1.6589	0
Moisture (%AR)	500.99	Other	120	6.6188	6.4026	6.6553	6.56	-0.17	6.8372	22	1.6589	0
Moisture (%AR)	500.99	Other	102	7	6.2	6.6	6.6	-0.14	6.8372	22	1.6589	0
Moisture (%AR)	500.72	NIR	138	6.9	6.75	6.8	6.82	-0.01	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.62	7.05	6.82	6.83	0	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	172	6.986	7.001	6.778	6.92	0.05	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	194	7.26	6.73	6.82	6.94	0.06	6.8372	22	1.6589	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Moisture (%AR)	500.70	Commerc. Anal.	182	7.345	6.95	6.69	6.99	0.1	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.2	7.1	7.15	7.15	0.19	6.8372	22	1.6589	0
Moisture (%AR)	500.50	AOAC 930.15	210	7.13	7.46	7.09	7.23	0.23	6.8372	22	1.6589	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.9	7.84	7.92	8.55	1.03	6.8372	22	1.6589	0
Moisture (%AR)	500.99	Other	105	8.63	8.5	8.55	8.56	1.04	6.8372	22	1.6589	0
Moisture (%AR)	500.99	Other	224	10.1977	7.8909	9.9607	9.35	1.51	6.8372	22	1.6589	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.0646	9.7532	9.7308	9.52	1.61	6.8372	22	1.6589	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.7294	9.405	9.8214	9.65	1.7	6.8372	22	1.6589	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1831	0.1676	0.1673	0.173	-1.44	0.212	13	0.0273	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.18	0.182	0.1724	0.178	-1.24	0.212	13	0.0273	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.192	0.185	0.193	0.19	-0.81	0.212	13	0.0273	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	218	0.192	0.201	0.191	0.195	-0.63	0.212	13	0.0273	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2038	0.1987	0.2057	0.203	-0.34	0.212	13	0.0273	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2052	0.202	0.2041	0.204	-0.3	0.212	13	0.0273	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.2177	0.2162	0.2009	0.212	-0.01	0.212	13	0.0273	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2271	0.2214	0.2142	0.221	0.33	0.212	13	0.0273	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	120	0.2247	0.2215	0.2224	0.223	0.4	0.212	13	0.0273	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.236	0.234	0.2301	0.233	0.79	0.212	13	0.0273	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.254	0.239	0.222	0.238	0.97	0.212	13	0.0273	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2457	0.244	0.2399	0.243	1.15	0.212	13	0.0273	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%DW)	501.60	NIR	187	0.24	0.26	0.23	0.243	1.15	0.212	13	0.0273	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%DW)	502.60	NIR	187	<0.0100	0.02	0.01	0.0133	-0.94	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0195	0.0153	0.0182	0.0177	-0.68	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0166	0.0197	0.0173	0.0179	-0.67	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	120	0.0189	0.0185	0.019	0.0188	-0.61	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.02	0.02	0.0212	0.0204	-0.51	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.027	0.025	0.025	0.0257	-0.19	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0275	0.0308	0.0267	0.0283	-0.03	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0455	0.0455	0.047	0.046	1.04	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0483	0.044	0.0483	0.0469	1.09	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	218	0.057	0.057	0.056	0.0567	1.69	0.0288	10	0.0165	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0531	0.353	<0.0521	0.153					1

CBD (%DW)

CBD (%DW)	503.02	AOAC 2018.11, U	103	4.6739	4.505	4.7555	4.64	-1.3	5.0216	12	0.2897	0
CBD (%DW)	503.60	NIR	187	4.72	4.6	4.9	4.74	-0.97	5.0216	12	0.2897	0
CBD (%DW)	503.10	Other LC-UV	189	4.7978	4.7453	4.7487	4.76	-0.89	5.0216	12	0.2897	0
CBD (%DW)	503.02	AOAC 2018.11, U	218	4.92	4.956	4.853	4.91	-0.39	5.0216	12	0.2897	0
CBD (%DW)	503.30	Other LC-MS	105	4.99	4.75	5.09	4.94	-0.27	5.0216	12	0.2897	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%DW)	503.30	Other LC-MS	102	5.1983	4.717	4.9412	4.95	-0.24	5.0216	12	0.2897	0
CBD (%DW)	503.10	Other LC-UV	172	5.0366	4.9786	4.9743	5	-0.09	5.0216	12	0.2897	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.053	5.028	5.035	5.04	0.06	5.0216	12	0.2897	0
CBD (%DW)	503.10	Other LC-UV	204	5.1593	5.0315	5.2136	5.13	0.39	5.0216	12	0.2897	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.3295	5.2547	5.3461	5.31	1	5.0216	12	0.2897	0
CBD (%DW)	503.10	Other LC-UV	116	5.476	5.2185	5.414	5.37	1.2	5.0216	12	0.2897	0
CBD (%DW)	503.10	Other LC-UV	162	5.9084	5.5424	5.5811	5.68	2.26	5.0216	12	0.2897	0

CBDA (%DW)

CBDA (%DW)	504.60	NIR	187	2.68	2.96	2.32	2.65	-1.47	3.194	11	0.3687	0
CBDA (%DW)	504.30	Other LC-MS	105	2.77	3.06	2.72	2.85	-0.93	3.194	11	0.3687	0
CBDA (%DW)	504.10	Other LC-UV	189	2.998	2.9627	2.962	2.97	-0.6	3.194	11	0.3687	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	3.1044	2.94	2.9935	3.01	-0.49	3.194	11	0.3687	0
CBDA (%DW)	504.02	AOAC 2018.11, U	218	3.071	3.053	2.957	3.03	-0.45	3.194	11	0.3687	0
CBDA (%DW)	504.10	Other LC-UV	116	3.2002	3.2287	3.2149	3.21	0.06	3.194	11	0.3687	0
CBDA (%DW)	504.10	Other LC-UV	172	3.337	3.1436	3.3262	3.27	0.2	3.194	11	0.3687	0
CBDA (%DW)	504.10	Other LC-UV	204	3.364	3.293	3.3781	3.35	0.41	3.194	11	0.3687	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.4308	3.4914	3.4886	3.47	0.75	3.194	11	0.3687	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.676	3.638	3.642	3.65	1.24	3.194	11	0.3687	0
CBDA (%DW)	504.10	Other LC-UV	162	3.8578	3.573	3.5662	3.67	1.28	3.194	11	0.3687	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBN (%DW)									
CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%DW)	505.10	Other LC-UV	192	0.0207	0.0359	0.0308	0.0291	-2.4	0.0441	10	0.0062	0
CBN (%DW)	505.03	AOAC 2018.11, M	210	0.039	0.039	0.037	0.0383	-0.93	0.0441	10	0.0062	0
CBN (%DW)	505.20	Other LC-MS	105	0.0402	0.0401	0.0379	0.0394	-0.76	0.0441	10	0.0062	0
CBN (%DW)	505.02	AOAC 2018.11, U	218	0.044	0.043	0.042	0.043	-0.18	0.0441	10	0.0062	0
CBN (%DW)	505.30	GC-FID	116	0.0452	0.0426	0.0464	0.0447	0.1	0.0441	10	0.0062	0
CBN (%DW)	505.10	Other LC-UV	172	0.0451	0.044	0.0451	0.0447	0.1	0.0441	10	0.0062	0
CBN (%DW)	505.10	Other LC-UV	204	0.047	0.0456	0.0467	0.0464	0.37	0.0441	10	0.0062	0
CBN (%DW)	505.10	Other LC-UV	189	0.048	0.0469	0.0474	0.0474	0.53	0.0441	10	0.0062	0
CBN (%DW)	505.10	Other LC-UV	162	0.0493	0.0493	0.0482	0.0489	0.77	0.0441	10	0.0062	0
CBN (%DW)	505.20	Other LC-MS	102	<0.0531	0.0478	<0.0521	0.051					1
CBN (%DW)	505.10	Other LC-UV	116	0.0621	0.0725	0.0535	0.0627	2.98	0.0441	10	0.0062	0
			Total Δ9-THC (%DW)									
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1976	0.1848	0.1825	0.188	-1.6	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.1974	0.1995	0.1915	0.196	-1.33	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2008	0.2049	0.1914	0.199	-1.23	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.2038	0.1987	0.2057	0.203	-1.1	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2045	0.2212	0.2106	0.212	-0.78	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.216	0.207	0.215	0.213	-0.76	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2234	0.2398	0.2265	0.23	-0.16	0.2344	18	0.0287	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	120	0.2413	0.2377	0.239	0.239	0.17	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	218	0.242	0.251	0.24	0.244	0.35	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.2476	0.2406	0.2465	0.245	0.37	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2444	0.2472	0.247	0.246	0.41	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2477	0.2447	0.2475	0.247	0.43	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.243	0.274	0.237	0.251	0.59	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.271	0.252	0.238	0.254	0.67	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2549	0.2572	0.2525	0.255	0.71	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.267	0.2613	0.2554	0.261	0.94	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2961	0.2559	0.2407	0.264	1.04	0.2344	18	0.0287	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2698	0.2711	0.2633	0.268	1.17	0.2344	18	0.0287	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	192	5.4364	5.6641	5.5171	5.54	-3.01	7.9119	14	0.787	0
Total CBD (%DW)	507.60	NIR	187	7.07	7.2	6.93	7.07	-1.07	7.9119	14	0.787	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	7.3964	7.0829	7.3808	7.29	-0.79	7.9119	14	0.787	0
Total CBD (%DW)	507.10	Other LC-UV	189	7.427	7.3436	7.3463	7.37	-0.69	7.9119	14	0.787	0
Total CBD (%DW)	507.30	Other LC-MS	105	7.42	7.43	7.48	7.44	-0.6	7.9119	14	0.787	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	218	7.613	7.634	7.446	7.56	-0.44	7.9119	14	0.787	0
Total CBD (%DW)	507.10	Other LC-UV	172	7.9631	7.7355	7.8914	7.86	-0.06	7.9119	14	0.787	0
Total CBD (%DW)	507.10	Other LC-UV	204	8.1095	7.9195	8.1762	8.07	0.2	7.9119	14	0.787	0
Total CBD (%DW)	507.10	Other LC-UV	116	8.2826	8.0501	8.2335	8.19	0.35	7.9119	14	0.787	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%DW)	507.01	AOAC 2018.10	210	8.277	8.218	8.229	8.24	0.42	7.9119	14	0.787	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	8.3383	8.3166	8.4056	8.35	0.56	7.9119	14	0.787	0
Total CBD (%DW)	507.40	GC-FID	116	8.887	8.6467	8.7717	8.77	1.09	7.9119	14	0.787	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.2917	8.676	8.7087	8.89	1.25	7.9119	14	0.787	0
Total CBD (%DW)	507.40	GC-FID	138	8.2654	9.122	9.3914	8.93	1.29	7.9119	14	0.787	0

CBDV (%DW)

CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.042	0.041	0.041	0.0413					0
CBDV (%DW)	508.99	Other	162	0.0491	0.0468	0.0508	0.0489					0
CBDV (%DW)	508.99	Other	189	0.0469	0.0543	0.0472	0.0495					0

CBDVA (%DW)

CBDVA (%DW)	509.01	AOAC 2018.10	210	0.036	0.037	0.036	0.0363					0
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CBG (%DW)

CBG (%DW)	510.99	Other	105	0.287	0.307	0.282	0.292	-1.35	0.3387	6	0.0347	0
CBG (%DW)	510.99	Other	172	0.3116	0.3277	0.3234	0.321	-0.51	0.3387	6	0.0347	0
CBG (%DW)	510.99	Other	162	0.3608	0.3138	0.3359	0.337	-0.05	0.3387	6	0.0347	0
CBG (%DW)	510.01	AOAC 2018.10	210	0.345	0.346	0.329	0.34	0.04	0.3387	6	0.0347	0
CBG (%DW)	510.99	Other	204	0.3575	0.3553	0.3848	0.366	0.78	0.3387	6	0.0347	0
CBG (%DW)	510.99	Other	189	0.3795	0.3764	0.3738	0.377	1.09	0.3387	6	0.0347	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	189	0.4024	0.3961	0.3974	0.399					0
CBGA (%DW)	511.99	Other	172	0.404	0.4104	0.3921	0.402					0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.419	0.417	0.416	0.417					0
CBGA (%DW)	511.99	Other	204	0.424	0.42	0.4395	0.428					0
CBGA (%DW)	511.99	Other	162	0.5132	0.4353	0.4504	0.466					0
			THCV (%DW)									
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0120	<0.0130					1
THCV (%DW)	512.99	Other	189	0.0482	0.046	0.0441	0.0461					0
			Δ8-THC (%DW)									
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	102	<0.0212	<0.0254	<0.0208	<0.0212					1
Δ8-THC (%DW)	513.99	Other	189	0.0134	0.0105	0.0094	0.0111					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.023	0.026	0.027	0.0253					0
			CBC (%DW)									
CBC (%DW)	514.02	AOAC 2018.11, U	103	0.2262	0.2272	0.2355	0.23	-1.08	0.2503	7	0.0192	0
CBC (%DW)	514.01	AOAC 2018.10	210	0.236	0.24	0.238	0.238	-0.64	0.2503	7	0.0192	0
CBC (%DW)	514.99	Other	162	0.2509	0.2425	0.233	0.242	-0.42	0.2503	7	0.0192	0
CBC (%DW)	514.99	Other	204	0.2469	0.2396	0.2432	0.243	-0.37	0.2503	7	0.0192	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%DW)	514.99	Other	172	0.2611	0.2557	0.2568	0.258	0.4	0.2503	7	0.0192	0
CBC (%DW)	514.99	Other	105	0.278	0.261	0.247	0.262	0.61	0.2503	7	0.0192	0
CBC (%DW)	514.99	Other	189	0.2936	0.2878	0.2919	0.291	2.13	0.2503	7	0.0192	0

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

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

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