

Hemp Proficiency Testing

All Labs Trueness

HM23NOV-2 (hemp)



Sample: HM23NOV-2 (hemp)

All Labs Trueness

Issue Date: January 7, 2024

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)	001.10	Other LC-UV	192	0.097	0.0997	0.0767	0.0911	-3.59	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.129	0.1278	0.1275	0.128	-1.75	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1587	0.1366	0.1181	0.138	-1.26	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1428	0.1364	0.1336	0.138	-1.27	0.1631	29	0.02	0
Δ9-THC (%AR)	001.99	Other	215	0.141	0.1376	0.1437	0.141	-1.12	0.1631	29	0.02	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1412	0.1497	0.1398	0.144	-0.98	0.1631	29	0.02	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.149	0.141	0.144	0.145	-0.92	0.1631	29	0.02	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.152	0.153	0.139	0.148	-0.75	0.1631	29	0.02	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.1485	0.1502	0.1491	0.149	-0.69	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.172	0.147	0.156	0.158	-0.24	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.174	0.153	0.149	0.159	-0.22	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.16	0.15	0.17	0.16	-0.15	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1652	0.1635	0.165	0.165	0.07	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.16	0.164	0.171	0.165	0.09	0.1631	29	0.02	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	116	0.1668	0.1672	0.1648	0.166	0.16	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1672	0.1658	0.1679	0.167	0.19	0.1631	29	0.02	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.164	0.163	0.174	0.167	0.19	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1639	0.1706	0.1727	0.169	0.3	0.1631	29	0.02	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.17	0.17	0.17	0.17	0.34	0.1631	29	0.02	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1769	0.1739	0.1644	0.172	0.43	0.1631	29	0.02	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1825	0.1727	0.1744	0.177	0.67	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1888	0.1732	0.1678	0.177	0.67	0.1631	29	0.02	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.18	0.174	0.1831	0.179	0.8	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1752	0.1767	0.1843	0.179	0.78	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.1883	0.1753	0.182	0.182	0.94	0.1631	29	0.02	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.18	0.189	0.182	0.184	1.03	0.1631	29	0.02	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.186	0.185	0.184	0.185	1.09	0.1631	29	0.02	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1889	0.191	0.1902	0.19	1.34	0.1631	29	0.02	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2	0.2	0.2	0.2	1.84	0.1631	29	0.02	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0746	<0.0701	<0.0721	<0.0746					1
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.046	0.0329	0.0287	0.0359	-2.33	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0514	0.0462	0.0338	0.0438	-1.4	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.048	0.0363	0.0517	0.0453	-1.21	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0519	0.0415	0.0455	0.0463	-1.1	0.0556	26	0.0085	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	125	0.008	0.0666	0.068	0.0475	-0.96	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0482	0.0501	0.0473	0.0485	-0.84	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.046	0.052	0.049	0.049	-0.78	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.05	0.05	0.05	0.05	-0.66	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	0.0519	<0.0500	0.0506					1
Δ9-THCA (%AR)	002.99	Other	215	0.0486	0.0525	0.0521	0.0511	-0.54	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0564	<0.048	<0.048	0.0508					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.053	0.053	0.057	0.0543	-0.15	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0552	0.0547	0.0531	0.0543	-0.15	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.058	0.0516	0.051	0.0535	-0.25	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.059	0.054	0.054	0.0557	0	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0565	0.0572	0.0593	0.0577	0.24	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.062	0.059	0.054	0.0583	0.32	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.058	0.0569	0.0585	0.0578	0.26	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.057	0.056	0.06	0.0577	0.24	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.058	0.059	0.061	0.0593	0.44	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0642	0.0604	0.0592	0.0613	0.66	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0608	0.0595	0.0636	0.0613	0.67	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0619	0.0613	0.062	0.0617	0.72	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0651	0.0573	0.0658	0.0627	0.84	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.065	0.064	0.06	0.063	0.87	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0669	0.0686	0.0641	0.0665	1.29	0.0556	26	0.0085	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)	002.01	AOAC 2018.10	101	0.068	0.071	0.071	0.07	1.69	0.0556	26	0.0085	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0781	0.0728	0.0725	0.0745	2.22	0.0556	26	0.0085	0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	122	0.1993	0.2001	0.2004	0.2	-7.63	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	192	2.0305	1.95	1.9754	1.99	-2.8	3.0213	20	0.3698	0
CBD (%AR)	003.99	Other	215	2.5205	2.605	2.684	2.6	-1.13	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	184	2.606	2.683	2.742	2.68	-0.93	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	155	2.72	2.63	2.84	2.73	-0.79	3.0213	20	0.3698	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	2.6933	2.8902	2.7281	2.77	-0.68	3.0213	20	0.3698	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	2.886	2.7261	2.8838	2.83	-0.51	3.0213	20	0.3698	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	3.01	2.966	2.989	2.99	-0.09	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	196	3.047	2.905	3.085	3.01	-0.02	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	189	3.0598	3.0293	3.0607	3.05	0.08	3.0213	20	0.3698	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	3.0555	3.089	3.0475	3.06	0.12	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	170	3.1106	3.0735	3.128	3.1	0.22	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	142	3.18	3	3.21	3.13	0.29	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	106	3.28	3.14	3.25	3.22	0.55	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	116	3.4042	3.2505	3.1395	3.26	0.66	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	163	3.3013	3.2617	3.2847	3.28	0.71	3.0213	20	0.3698	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	3.26	3.26	3.42	3.31	0.79	3.0213	20	0.3698	0
CBD (%AR)	003.10	Other LC-UV	144	3.2524	3.3989	3.5844	3.41	1.06	3.0213	20	0.3698	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	197	3.4706	3.4204	3.488	3.46	1.19	3.0213	20	0.3698	0
CBD (%AR)	003.30	Other LC-MS	164	3.6887	3.8457	4.3458	3.96	2.54	3.0213	20	0.3698	0
CBDA (%AR)												
CBDA (%AR)	004.10	Other LC-UV	192	2.7204	2.6913	2.254	2.56	-1.88	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	155	2.84	2.75	2.95	2.85	-1.4	3.6989	19	0.6092	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.3341	2.9413	3.0774	3.12	-0.95	3.6989	19	0.6092	0
CBDA (%AR)	004.99	Other	215	3.0753	3.1787	3.2638	3.17	-0.86	3.6989	19	0.6092	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	3.0973	3.3989	3.1706	3.22	-0.78	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	189	3.5568	3.5238	3.5515	3.54	-0.25	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	142	3.56	3.45	3.63	3.55	-0.25	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	184	3.509	3.581	3.584	3.56	-0.23	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	196	3.758	3.461	3.525	3.58	-0.19	3.6989	19	0.6092	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	3.774	3.695	3.595	3.69	-0.02	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	197	3.9214	3.6308	3.7433	3.77	0.11	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	144	3.697	3.8279	4.0275	3.85	0.25	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	116	3.8784	3.9619	3.7556	3.87	0.27	3.6989	19	0.6092	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.8855	3.935	3.917	3.91	0.35	3.6989	19	0.6092	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	3.83	4.28	3.96	4.02	0.53	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	106	4.21	3.89	3.96	4.02	0.53	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	170	4.5234	4.5037	4.6356	4.55	1.4	3.6989	19	0.6092	0
CBDA (%AR)	004.10	Other LC-UV	163	5.4303	4.6267	5.6197	5.23	2.51	3.6989	19	0.6092	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)	004.30	Other LC-MS	164	5.299	5.5411	6.2069	5.68	3.26	3.6989	19	0.6092	0
CBN (%AR)												
CBN (%AR)	005.10	Other LC-UV	197	<0.0498	<0.0467	<0.0481	<0.0498					1
CBN (%AR)	005.10	Other LC-UV	116	<0.0600	<0.0600	<0.0600	<0.0600					1
CBN (%AR)	005.30	GC-FID	116	<0.0600	<0.0600	<0.0600	<0.0600					1
CBN (%AR)	005.10	Other LC-UV	144	0.0227	0.0224	0.0242	0.0231	-0.87	0.0274	13	0.005	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0235	0.021	0.0241	0.0229	-0.92	0.0274	13	0.005	0
CBN (%AR)	005.10	Other LC-UV	142	0.0253	0.0215	0.0231	0.0233	-0.83	0.0274	13	0.005	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0269	0.0252	0.021	0.0244	-0.62	0.0274	13	0.005	0
CBN (%AR)	005.10	Other LC-UV	192	0.0278	0.0268	0.0186	0.0244	-0.61	0.0274	13	0.005	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.025	0.024	0.0265	0.0252	-0.46	0.0274	13	0.005	0
CBN (%AR)	005.10	Other LC-UV	196	0.026	0.026	0.027	0.0263	-0.22	0.0274	13	0.005	0
CBN (%AR)	005.10	Other LC-UV	189	0.026	0.0293	0.0256	0.027	-0.09	0.0274	13	0.005	0
CBN (%AR)	005.30	GC-FID	192	0.0284	0.0296	0.0258	0.0279	0.1	0.0274	13	0.005	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0286	0.0398	0.0189	0.0291	0.33	0.0274	13	0.005	0
CBN (%AR)	005.10	Other LC-UV	106	0.03	0.04	0.03	0.0333	1.18	0.0274	13	0.005	0
CBN (%AR)	005.30	GC-FID	138	0.0356	0.0372	0.0363	0.0364	1.79	0.0274	13	0.005	0
CBN (%AR)	005.30	GC-FID	163	0.0547	0.0467	0.0439	0.0484	4.22	0.0274	13	0.005	0
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.12	0.112	0.1138	0.115	-3.32	0.2102	34	0.0286	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	192	0.1373	0.1285	0.1018	0.123	-3.06	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1428	0.1364	0.1336	0.138	-2.54	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1745	0.1642	0.1674	0.169	-1.45	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.1749	0.1762		0.176	-1.21	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.2038	0.1771	0.1478	0.176	-1.19	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.1836	0.1837	0.1894	0.186	-0.86	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1992	0.1929	0.1804	0.191	-0.68	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2007	0.1884	0.1914	0.193	-0.58	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161		0.1953		0.195					1
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2298	0.174	0.1831	0.196	-0.51	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1941	0.1895	0.217	0.2	-0.35	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.214	0.191	0.197	0.201	-0.33	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.209	0.209	0.192	0.203	-0.24	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2048	0.2016	0.2062	0.204	-0.21	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1922	0.2152		0.204	-0.23	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2	0.21	0.215	0.208	-0.07	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.171	0.222	0.234	0.209	-0.04	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.225	0.204	0.203	0.211	0.02	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2231	0.2202	0.2168	0.22	0.34	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.22	0.22	0.22	0.22	0.34	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2261	0.2208	0.2164	0.221	0.38	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2231	0.2139	0.2319	0.223	0.45	0.2102	34	0.0286	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	0.2334	0.218	0.2191	0.223	0.47	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2239	0.2237	0.2212	0.223	0.45	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2172	0.2228	0.2285	0.223	0.44	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.2459	0.2235	0.2254	0.232	0.75	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2325	0.2315	0.234	0.233	0.79	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2454	0.2377	0.228	0.237	0.94	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2428	0.225	0.2472	0.238	0.98	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2447	0.2397	0.2404	0.242	1.1	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.2543	0.2347	0.2433	0.244	1.19	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2432	0.2447	0.2446	0.244	1.19	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.239	0.251	0.244	0.245	1.21	0.2102	34	0.0286	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2544	0.2517	0.2474	0.251	1.43	0.2102	34	0.0286	0

Total CBD (%AR)

Total CBD (%AR)	007.40	GC-FID	192	4.2283	4.0824	4.0798	4.13	-2.43	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	192	4.4162	4.3103	3.9522	4.23	-2.31	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	155	5.21	5.04	5.44	5.23	-1.1	6.1418	22	0.8278	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.3205	4.9032	5.7106	5.31	-1	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	215	5.2175	5.3927	5.5463	5.39	-0.91	6.1418	22	0.8278	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	5.81	5.3056	5.5827	5.57	-0.7	6.1418	22	0.8278	0
Total CBD (%AR)	007.40	GC-FID	170	5.7133	5.5931	5.4524	5.59	-0.67	6.1418	22	0.8278	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	5.4096	5.8711	5.5087	5.6	-0.66	6.1418	22	0.8278	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	196	6.343	5.941	6.176	6.15	0.01	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	189	6.1791	6.1196	6.1753	6.16	0.02	6.1418	22	0.8278	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	6.3198	6.2065	6.1418	6.22	0.1	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	142	6.3	6.03	6.39	6.24	0.12	6.1418	22	0.8278	0
Total CBD (%AR)	007.40	GC-FID	163	6.388	6.3163	6.46	6.39	0.3	6.1418	22	0.8278	0
Total CBD (%AR)	007.40	GC-FID	169	6.9249	6.3557	6.0264	6.44	0.35	6.1418	22	0.8278	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	6.4631	6.54	6.4827	6.5	0.43	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	116	6.8056	6.7251	6.4332	6.65	0.62	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	197	6.9097	6.6046	6.7709	6.76	0.75	6.1418	22	0.8278	0
Total CBD (%AR)	007.10	Other LC-UV	144	6.4954	6.7567	7.1173	6.79	0.78	6.1418	22	0.8278	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	6.62	7.01	6.9	6.84	0.85	6.1418	22	0.8278	0
Total CBD (%AR)	007.40	GC-FID	116	7.2616	7.0174	6.7752	7.02	1.06	6.1418	22	0.8278	0
Total CBD (%AR)	007.40	GC-FID	138	6.7494	7.2064	7.3442	7.1	1.16	6.1418	22	0.8278	0
Total CBD (%AR)	007.30	Other LC-MS	164	8.3359	8.7052	9.7893	8.94	3.38	6.1418	22	0.8278	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0498	<0.0467	<0.0481	<0.0498					1
CBDV (%AR)	008.99	Other	189	0.0196	0.019	0.0188	0.0191					0
CBDV (%AR)	008.99	Other	196	0.022	0.022	0.022	0.022					0
CBDV (%AR)	008.99	Other	142	0.0299	0.0242	0.0272	0.0271					0
CBDV (%AR)	008.99	Other	106	0.1	0.1	0.1	0.1					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	197	<0.0498	<0.0467	<0.0481	<0.0498					1
CBDVA (%AR)	009.99	Other	196	0.033	0.031	0.032	0.032					0
CBDVA (%AR)	009.99	Other	142	0.0377	0.034	0.0345	0.0354					0
			CBG (%AR)									
CBG (%AR)	010.99	Other	197	0.1134	0.1167	0.1181	0.116	-0.97	0.1575	8	0.0428	0
CBG (%AR)	010.99	Other	106	0.14	0.13	0.14	0.137	-0.49	0.1575	8	0.0428	0
CBG (%AR)	010.99	Other	196	0.14	0.138	0.144	0.141	-0.39	0.1575	8	0.0428	0
CBG (%AR)	010.99	Other	189	0.1412	0.1405	0.1409	0.141	-0.39	0.1575	8	0.0428	0
CBG (%AR)	010.99	Other	142	0.158	0.13	0.137	0.142	-0.37	0.1575	8	0.0428	0
CBG (%AR)	010.02	AOAC 2018.11, U	103	0.158	0.144	0.152	0.151	-0.14	0.1575	8	0.0428	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.197	0.25	0.186	0.211	1.25	0.1575	8	0.0428	0
CBG (%AR)	010.99	Other	155	0.251	0.249	0.255	0.252	2.2	0.1575	8	0.0428	0
			CBGA (%AR)									
CBGA (%AR)	011.99	Other	142	0.415	0.366	0.381	0.387	-1.35	0.4219	7	0.0257	0
CBGA (%AR)	011.99	Other	106	0.4	0.39	0.41	0.4	-0.85	0.4219	7	0.0257	0
CBGA (%AR)	011.02	AOAC 2018.11, U	103	0.428	0.419	0.419	0.422	0	0.4219	7	0.0257	0
CBGA (%AR)	011.99	Other	189	0.4275	0.4286	0.4243	0.427	0.19	0.4219	7	0.0257	0
CBGA (%AR)	011.99	Other	197	0.4318	0.4393	0.4163	0.429	0.28	0.4219	7	0.0257	0
CBGA (%AR)	011.99	Other	196	0.451	0.408	0.434	0.431	0.35	0.4219	7	0.0257	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)	011.02	AOAC 2018.11, U	125	0.47	0.475	0.427	0.457	1.38	0.4219	7	0.0257	0
THCV (%AR)												
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
THCV (%AR)	012.99	Other	197	<0.0498	<0.0467	<0.0481	<0.0498					1
THCV (%AR)	012.99	Other	189	0.0092	0.0101	0.0096	0.0096					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	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ8-THC (%AR)	013.99	Other	197	<0.0498	<0.0467	<0.0481	<0.0498					1
Δ8-THC (%AR)	013.99	Other	189	0.0071	0.0076	0.0068	0.0072					0
Δ8-THC (%AR)	013.99	Other	138	0.0684	0.069	0.0703	0.0692					0
CBC (%AR)												
CBC (%AR)	014.99	Other	197	0.1731	0.1523	0.1558	0.16	-1.19	0.1754	7	0.0126	0
CBC (%AR)	014.99	Other	142	0.182	0.152	0.163	0.166	-0.77	0.1754	7	0.0126	0
CBC (%AR)	014.99	Other	155	0.165	0.167	0.18	0.171	-0.38	0.1754	7	0.0126	0
CBC (%AR)	014.99	Other	106	0.18	0.17	0.18	0.177	0.1	0.1754	7	0.0126	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	196	0.177	0.178	0.18	0.178	0.23	0.1754	7	0.0126	0
CBC (%AR)	014.99	Other	189	0.1841	0.182	0.1802	0.182	0.53	0.1754	7	0.0126	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.191	0.198	0.193	0.194	1.47	0.1754	7	0.0126	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	196	0.0819	0.0804	0.078	0.0801					0
Cd (ug/g AR)	101.04	ICP-MS	106	0.118	0.13	0.12	0.123					0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1235	0.1227	0.1256	0.124					0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1191	0.1211	0.1377	0.126					0
Cd (ug/g AR)	101.04	ICP-MS	142	0.124	0.135	0.13	0.13					0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	197	<0.0994	<0.0978	<0.0990	<0.0994					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	0.0625	0.0649	0.0657	0.0644					0
As (ug/g AR)	102.04	ICP-MS	196	0.0754	0.0774	0.0793	0.0774					0
As (ug/g AR)	102.04	ICP-MS	106	0.081	0.085	0.08	0.082					0
As (ug/g AR)	102.04	ICP-MS	142	0.082	0.089	0.086	0.0857					0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	197	<0.0994	<0.0978	<0.0990	<0.0994					1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.04	ICP-MS	142	0.0071	0.0043	0.0025	0.0046					0
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	0.0076	<0.0072	0.0073					1
Hg (ug/g AR)	103.04	ICP-MS	102	0.007	0.006	0.007	0.0067					0
Hg (ug/g AR)	103.04	ICP-MS	106	0.009	0.009	0.008	0.0087					0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	197	0.3539	0.321	0.3679	0.348					0
Pb (ug/g AR)	104.04	ICP-MS	102	0.3718	0.3883	0.3723	0.377					0
Pb (ug/g AR)	104.04	ICP-MS	106	0.393	0.416	0.428	0.412					0
Pb (ug/g AR)	104.04	ICP-MS	196	0.43			0.43					1
Pb (ug/g AR)	104.04	ICP-MS	142	0.355	0.681	0.333	0.456					0
Pb (ug/g AR)	104.04	ICP-MS	162	0.4651	0.5951	0.497	0.519					0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	9.54	9.4	9.61	9.52					0
Cu (ug/g AR)	105.04	ICP-MS	142	15.6	17.1	16.5	16.4					0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	1.01	0.892	0.952	0.951					0
Ni (ug/g AR)	106.04	ICP-MS	142	1.24	1.17	1.04	1.15					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	197	<10.0000	<10.0000	<10.0000	<10.0000					1
Cr (ug/g AR)	107.04	ICP-MS	142	0.302	0.421	0.406	0.376					0
Cr (ug/g AR)	107.04	ICP-MS	196	0.508	0.538	0.547	0.531					0
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	142	0.07	0.067	0.095	0.0773					0
Se (ug/g AR)	108.04	ICP-MS	196	0.113	0.126	0.121	0.12					0
Se (ug/g AR)	108.04	ICP-MS	197	0.1289	0.1191	0.1305	0.126					0
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	142	0.0175	0.0171	0.0124	0.0157					0
			Ba (ug/g AR)									
Ba (ug/g AR)	110.04	ICP-MS	142	0.198	0.222	0.201	0.207					0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	53.3	47.6	51.9	50.9					0
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0240	<0.0240	<0.0240	<0.0240					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0244	0.025	0.0241	0.0245					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0769	0.0759	0.0783	0.077					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
beta-Caryophyllene (%)	202.02	GC,MS	162	0.048	0.0467	0.0448	0.0465					0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0634	0.0589	0.065	0.0624					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0241	0.0236	0.0243	0.024					0
Geraniol (%AR)												
Geraniol (%AR)	204.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					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
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0197	0.0193	0.0184	0.0191					0

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)	205.01	GC,FID	142	0.0389	0.0368	0.04	0.0386					0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)	206.01	GC,FID	142	0.0011	<0.0005	0.0011	0.0009					0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	196	0.0023	0.002	0.0024	0.0022					0
Linalool (%AR)	207.01	GC,FID	142	0.0021	0.0021	0.0024	0.0022					0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.01	GC,FID	142	0.0024	0.0017	0.0018	0.002					0
beta-Myrcene (%AR)	208.02	GC,MS	196	0.0024	0.002	0.0023	0.0022					0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Ocimene (%AR)												
Ocimene (%AR)	210.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					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	<0.0005	<0.0005	<0.0005	<0.0005					1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)	211.02	GC,MS	196	0.0028	0.0025	0.0026	0.0026					0
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					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
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					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	215.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					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
			Moisture (%AR)									
Moisture (%AR)	500.70	Commerc. Anal.	153	3.16	2.85	3.14	3.05	-1.91	7.0735	16	2.1106	0
Moisture (%AR)	500.99	Other	142	4.4	4	4	4.13	-1.39	7.0735	16	2.1106	0
Moisture (%AR)	500.70	Commerc. Anal.	189	5.274	5.274	5.274	5.27	-0.85	7.0735	16	2.1106	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.36	5.52	5.5	5.46	-0.76	7.0735	16	2.1106	0
Moisture (%AR)	500.99	Other	103	6.51	6.4	6.21	6.37	-0.33	7.0735	16	2.1106	0
Moisture (%AR)	500.99	Other	215	6.49	6.22	6.96	6.56	-0.24	7.0735	16	2.1106	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.91	6.29	6.86	6.69	-0.18	7.0735	16	2.1106	0
Moisture (%AR)	500.72	NIR	138	6.85	7.1	6.8	6.92	-0.07	7.0735	16	2.1106	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.96	7.11	7.15	7.07	0	7.0735	16	2.1106	0
Moisture (%AR)	500.50	AOAC 930.15	210	7.71	7.86	7.27	7.61	0.26	7.0735	16	2.1106	0
Moisture (%AR)	500.99	Other	165	7.621	7.557	7.7088	7.63	0.26	7.0735	16	2.1106	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.15	8.54	7.585	7.76	0.32	7.0735	16	2.1106	0
Moisture (%AR)	500.99	Other	102	8.7	7.7	7.7	8.03	0.45	7.0735	16	2.1106	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.5447	9.285	9.8891	9.57	1.18	7.0735	16	2.1106	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.115	9.8411	9.8878	9.95	1.36	7.0735	16	2.1106	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.8	12.5	10.38	10.9	1.81	7.0735	16	2.1106	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)												
Δ9-THC (%DW)	501.99	Other	215	0.1508	0.1468	0.1545	0.151	-1.21	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.1594	0.1506	0.1535	0.154	-1.07	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.174	0.173	0.171	0.173	-0.42	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1764	0.1769	0.1744	0.176	-0.3	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.1788	0.1769	0.1788	0.178	-0.22	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.198	0.189	0.198	0.195	0.38	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.1994	0.2016	0.2008	0.201	0.58	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2069	0.2052	0.2042	0.205	0.76	0.1844	9	0.0279	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1994	0.2514	0.2397	0.23	1.64	0.1844	9	0.0279	0
Δ9-THCA (%DW)												
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.061	<0.048	<0.048	0.0523					1
Δ9-THCA (%DW)	502.99	Other	215	0.052	0.056	0.056	0.0547	-1.18	0.0613	8	0.0056	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.063	0.0511	0.0552	0.0564	-0.87	0.0613	8	0.0056	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0631	0.0577	0.0576	0.0595	-0.33	0.0613	8	0.0056	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.059	0.0588	0.0633	0.0604	-0.17	0.0613	8	0.0056	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.06	0.061	0.059	0.06	-0.24	0.0613	8	0.0056	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0679	0.0638	0.0626	0.0648	0.61	0.0613	8	0.0056	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0653	0.0647	0.0655	0.0652	0.68	0.0613	8	0.0056	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0724	0.0742	0.0695	0.072	1.9	0.0613	8	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	
CBD (%DW)												
CBD (%DW)	503.01	AOAC 2018.10	210	0.227	0.226	0.223	0.225	-7.4	3.1493	7	0.3949	0
CBD (%DW)	503.99	Other	215	2.6954	2.7777	2.8848	2.79	-0.92	3.1493	7	0.3949	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	3.2196	3.1688	3.1869	3.19	0.11	3.1493	7	0.3949	0
CBD (%DW)	503.10	Other LC-UV	189	3.2302	3.198	3.2311	3.22	0.18	3.1493	7	0.3949	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	3.3993	3.4262	3.3819	3.4	0.64	3.1493	7	0.3949	0
CBD (%DW)	503.10	Other LC-UV	162	3.3516	3.4019	3.551	3.43	0.72	3.1493	7	0.3949	0
CBD (%DW)	503.10	Other LC-UV	116	3.6008	3.4382	3.3208	3.45	0.77	3.1493	7	0.3949	0
CBDA (%DW)												
CBDA (%DW)	504.99	Other	215	3.2887	3.3896	3.5079	3.4	-1.23	3.8475	7	0.3674	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.571	3.574	3.455	3.53	-0.86	3.8475	7	0.3674	0
CBDA (%DW)	504.10	Other LC-UV	189	3.7548	3.72	3.7492	3.74	-0.29	3.8475	7	0.3674	0
CBDA (%DW)	504.10	Other LC-UV	162	3.8956	3.8951	3.8793	3.89	0.12	3.8475	7	0.3674	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	4.0368	3.9476	3.833	3.94	0.25	3.8475	7	0.3674	0
CBDA (%DW)	504.10	Other LC-UV	116	4.1024	4.1908	3.9725	4.09	0.66	3.8475	7	0.3674	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	4.3227	4.3645	4.3468	4.34	1.35	3.8475	7	0.3674	0
CBN (%DW)												
CBN (%DW)	505.30	GC-FID	116	<0.0600	<0.0600	<0.0600	<0.0600					1
CBN (%DW)	505.10	Other LC-UV	116	<0.0600	<0.0600	<0.0600	<0.0600					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%DW)	505.10	Other LC-UV	192	0.0307	0.0296	0.0207	0.027					0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0278	0.0266	0.0294	0.0279					0
CBN (%DW)	505.10	Other LC-UV	189	0.0274	0.0309	0.027	0.0284					0
CBN (%DW)	505.10	Other LC-UV	162	0.0314	0.0314	0.0322	0.0317					0
Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1518	0.1417	0.113	0.135	-2.34	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1879	0.1795	0.1811	0.183	-1.14	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.1964	0.1959	0.2035	0.199	-0.74	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.2147	0.2012	0.204	0.207	-0.54	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.1978	0.2222		0.21	-0.45	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2515	0.189	0.198	0.213	-0.38	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.22	0.2165	0.2215	0.219	-0.22	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.236	0.2329	0.2293	0.233	0.12	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2391	0.2335	0.2289	0.234	0.15	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2423	0.242	0.2397	0.241	0.34	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2586	0.2567	0.2597	0.258	0.77	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.2567	0.2583	0.2582	0.258	0.76	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2547	0.2962	0.2881	0.28	1.32	0.2278	14	0.0394	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	4.472	4.475	4.299	4.42	106.35	0.2278	14	0.0394	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)									
Total CBD (%DW)	507.10	Other LC-UV	192	4.8822	4.7515	4.3859	4.67	-2.77	6.812	10	0.7716	0
Total CBD (%DW)	507.10	Other LC-UV	215	5.5796	5.7504	5.9612	5.76	-1.36	6.812	10	0.7716	0
Total CBD (%DW)	507.10	Other LC-UV	189	6.5231	6.4603	6.5191	6.5	-0.4	6.812	10	0.7716	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	6.7599	6.6309	6.5485	6.65	-0.21	6.812	10	0.7716	0
Total CBD (%DW)	507.10	Other LC-UV	162	6.768	6.8179	6.9531	6.85	0.04	6.812	10	0.7716	0
Total CBD (%DW)	507.10	Other LC-UV	116	7.1986	7.1135	6.8047	7.04	0.29	6.812	10	0.7716	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	7.1904	7.2539	7.194	7.21	0.52	6.812	10	0.7716	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	7.493	7.499	7.225	7.41	0.77	6.812	10	0.7716	0
Total CBD (%DW)	507.40	GC-FID	116	7.6809	7.4227	7.1665	7.42	0.79	6.812	10	0.7716	0
Total CBD (%DW)	507.40	GC-FID	138	7.2509	7.7419	7.8899	7.63	1.06	6.812	10	0.7716	0
			CBDV (%DW)									
CBDV (%DW)	508.99	Other	189	0.0207	0.0201	0.0198	0.0202					0
CBDV (%DW)	508.99	Other	162	0.0295	0.0255	0.0275	0.0275					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.038	0.039	0.033	0.0367					0
			CBDVA (%DW)									
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.037	0.042	0.037	0.0387					0
			CBG (%DW)									
CBG (%DW)	510.01	AOAC 2018.10	210	0.132	0.126	0.138	0.132					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%DW)	510.99	Other	189	0.1491	0.1483	0.1487	0.149					0
CBG (%DW)	510.02	AOAC 2018.11, U	103	0.169	0.1538	0.1621	0.162					0
CBG (%DW)	510.99	Other	162	0.1657	0.1674	0.1676	0.167					0
CBGA (%DW)												
CBGA (%DW)	511.01	AOAC 2018.10	210	0.371	0.355	0.36	0.362					0
CBGA (%DW)	511.99	Other	189	0.4513	0.4525	0.4479	0.451					0
CBGA (%DW)	511.02	AOAC 2018.11, U	103	0.4578	0.4476	0.4467	0.451					0
CBGA (%DW)	511.99	Other	162	0.5782	0.5338	0.5644	0.559					0
THCV (%DW)												
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130	<0.0130					1
THCV (%DW)	512.99	Other	189	0.0097	0.0107	0.0101	0.0102					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	189	0.0075	0.008	0.0072	0.0076					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.018	0.017	0.018	0.0177					0
CBC (%DW)												
CBC (%DW)	514.99	Other	162	0.1788	0.1613	0.135	0.158					0
CBC (%DW)	514.99	Other	189	0.1944	0.1921	0.1902	0.192					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	

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.