

Hemp Proficiency Testing

Summary All Labs Trueness



Samples: HM19NOV

All Labs Trueness

Issue Date: 12/20/2019

Sam Num	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)								
HM19NOV-1													
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	175	<0.0020	<0.0020	<0.0020	<0.0020					1
1	Δ9-THC (%AR)	001.10	LC-UV, other	150	<0.03	<0.03	<0.03	<0.03					1
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	160	0.11	0.1	0.11	0.107	-2.59	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	140	0.1198	0.1218	0.1260	0.123	-1.83	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	164	0.1335	0.1300	0.1271	0.13	-1.46	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	176	0.1256	0.1339	0.1426	0.134	-1.28	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	144	0.1206	0.1398	0.1463	0.136	-1.21	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	149	0.146	0.14	0.142	0.143	-0.87	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.99	Other	120	0.1410	0.1460	0.1446	0.144	-0.81	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	127	0.1416	0.1509	0.1464	0.146	-0.7	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	118	0.139	0.147	0.153	0.146	-0.69	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	145	0.14	0.15	0.15	0.147	-0.68	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	149	0.14	0.158	0.142	0.147	-0.68	0.1609	47	0.021	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Δ9-THC (%AR)	001.10	LC-UV, other	125	0.1474	0.1437	0.1533	0.148	-0.61	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.99	Other	137	0.1496	0.1543	0.1472	0.15	-0.5	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	172	0.15	0.15	0.15	0.15	-0.52	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.16	0.14	0.15	0.15	-0.52	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	122	0.1506	0.1503	0.1516	0.151	-0.48	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.1480	0.1505	0.1570	0.152	-0.43	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	135	0.1563	0.1491	0.1492	0.152	-0.45	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	101	0.1540	0.1506	0.1521	0.152	-0.41	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.16	0.15	0.15	0.153	-0.36	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	154	0.152	0.151	0.157	0.153	-0.36	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.152	0.155	0.151	0.153	-0.39	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	109	0.16	0.145	0.158	0.154	-0.31	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	156	0.1371	0.1421	0.1814	0.154	-0.35	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	174	0.1580	0.1540	0.1510	0.154	-0.31	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	142	0.1667	0.1604	0.1535	0.16	-0.03	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	165	0.1550	0.1660	0.1584	0.16	-0.05	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	159	0.1665	0.1531	0.1633	0.161	0	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	162	0.1588	0.1626	0.1641	0.162	0.05	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	161	0.1653	0.1638	0.1592	0.163	0.09	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	124	0.1685	0.1707	0.1736	0.171	0.48	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	163	0.166	0.175	0.171	0.171	0.47	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	155	0.173	0.171	0.179	0.174	0.64	0.1609	47	0.021	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Δ9-THC (%AR)	001.10	LC-UV, other	141	0.1733	0.1820	0.1693	0.175	0.67	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	123	0.1820	0.1660	0.1790	0.176	0.71	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	152	0.1735	0.1784	0.1758	0.176	0.72	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	119	0.1742	0.1829	0.1750	0.177	0.79	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	106	0.176	0.181	0.182	0.18	0.9	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	139	0.1816	0.1783	0.1839	0.181	0.97	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	179	0.19	0.18	0.18	0.183	1.07	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.99	Other	172	0.19	0.17	0.19	0.183	1.07	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	113	0.1911	0.1823	0.1939	0.189	1.35	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	116	0.2066	0.1701	0.2077	0.195	1.62	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	144	0.2065	0.1956	0.1971	0.2	1.85	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	136	0.21	0.2	0.2	0.203	2.03	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	177	0.22	0.208		0.214	2.53	0.1609	47	0.021	0
1	Δ9-THC (%AR)	001.99	Other	132	0.253	0.237	0.276	0.255	4.51	0.1609	47	0.021	0

HM19NOV-2

2	Δ9-THC (%AR)	001.01	AOAC 2018.10	175	<0.0020	<0.0020	<0.0020	<0.0020					1
2	Δ9-THC (%AR)	001.10	LC-UV, other	150	<0.03	<0.03	<0.03	<0.03					1
2	Δ9-THC (%AR)	001.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	123	<0.0700	<0.0740	<0.0770	<0.0700					1
2	Δ9-THC (%AR)	001.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	Δ9-THC (%AR)	001.10	LC-UV, other	140	0.0110	0.0111	0.0111	0.0111	-4.3	0.0351	42	0.0056	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Δ9-THC (%AR)	001.10	LC-UV, other	141	0.0241	0.0247	0.0257	0.0248	-1.83	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	154	0.026	0.025	0.03	0.027	-1.44	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	164	0.0297	0.0303	0.0286	0.0295	-0.99	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.99	Other	120	0.0278	0.0296	0.031	0.0295	-1	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	156	0.0288	0.0283	0.0318	0.0296	-0.97	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	179	0.03	0.03	0.03	0.03	-0.91	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	149	0.03	0.031	0.028	0.0297	-0.97	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	172	0.03	0.03	0.03	0.03	-0.91	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	124	0.0296	0.03	0.031	0.0302	-0.87	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	162	0.0324	0.0317	0.0304	0.0315	-0.64	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	125	0.0311	0.0317	0.0315	0.0314	-0.65	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	174	0.0310	0.0330	0.0300	0.0313	-0.67	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	159	0.0308	0.0310	0.0340	0.0319	-0.56	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	122	0.0334	0.0324	0.0337	0.0332	-0.34	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	142	0.0340	0.0330	0.0321	0.033	-0.36	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	144	0.0325	0.0330	0.0351	0.0335	-0.27	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.99	Other	137	0.0339	0.0333	0.0342	0.0338	-0.23	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	118	0.031	0.029	0.041	0.0337	-0.25	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	149	0.037	0.031	0.036	0.0347	-0.07	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.035	0.035	0.035	0.035	-0.01	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	101	0.0358	0.0342	0.0354	0.0351	0.01	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	135	0.0329	0.0369	0.0368	0.0355	0.08	0.0351	42	0.0056	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Δ9-THC (%AR)	001.10	LC-UV, other	165	0.0457	0.0272	0.0339	0.0356	0.1	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	113	0.0340	0.0370	0.0380	0.0363	0.23	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	144	0.0361	0.0343	0.0366	0.0357	0.11	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.99	Other	172	0.03	0.03	0.05	0.0367	0.29	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	160	0.04	0.03	0.04	0.0367	0.29	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	152	0.0371	0.0380	0.0370	0.0374	0.41	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	163	0.038	0.038	0.038	0.038	0.53	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	119	0.0377	0.0379	0.0377	0.0378	0.48	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	177	0.0402	0.0382		0.0392	0.74	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	139	0.0315	0.0427	0.0423	0.0388	0.67	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	109	0.036	0.036	0.044	0.0387	0.64	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.0379	0.0390	0.0394	0.0388	0.66	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.04	0.04	0.04	0.04	0.88	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	136	0.05	0.04	0.04	0.0433	1.48	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.05	0.04	0.05	0.0467	2.08	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	116	0.0613	0.0453	0.0579	0.0548	3.54	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	155	0.069	0.069	0.058	0.0653	5.42	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	106	0.065	0.072	0.068	0.0683	5.96	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.99	Other	132	0.071	0.066	0.07	0.069	6.08	0.0351	42	0.0056	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	145	ow LOQ	ow LOQ	low LOQ	low LOQ					1

Sam Num	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)								
HM19NOV-1													
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0727	0.0720	0.0716	0.0721	-3.12	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	162	0.1105	0.1136	0.1134	0.112	-1.67	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	179	0.11	0.11	0.12	0.113	-1.64	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	142	0.1207	0.1188	0.1115	0.117	-1.51	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	124	0.1324	0.1134	0.1158	0.121	-1.38	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	140	0.1247	0.1246	0.1279	0.126	-1.2	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.99	Other	132	0.108	0.126	0.146	0.127	-1.16	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	176	0.1319	0.1328	0.1350	0.133	-0.93	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	144	0.1299	0.1468	0.1273	0.135	-0.88	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	141	0.1341	0.1415	0.1328	0.136	-0.83	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	154	0.135	0.131	0.143	0.136	-0.82	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.137	0.137	0.134	0.136	-0.83	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	113	0.1446	0.1380	0.1481	0.144	-0.56	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	164	0.1383	0.1434	0.1531	0.145	-0.51	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	161	0.1442	0.1529	0.1399	0.146	-0.48	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	172	0.14	0.15	0.15	0.147	-0.45	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	118	0.148	0.116	0.18	0.148	-0.4	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	152	0.1546	0.1433	0.1499	0.149	-0.36	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	144	0.1519	0.1474	0.1492	0.149	-0.35	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	127	0.1615	0.1543	0.1443	0.153	-0.21	0.1592	48	0.0279	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Δ9-THCA (%AR)	002.10	LC-UV, other	135	0.1586	0.1557	0.1537	0.156	-0.11	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	136	0.16	0.16	0.15	0.157	-0.09	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	125	0.1527	0.1569	0.1617	0.157	-0.08	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.1467	0.1606	0.1687	0.159	-0.02	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	159	0.1563	0.1676	0.1562	0.16	0.03	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	139	0.1686	0.1594	0.1604	0.163	0.13	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	174	0.1610	0.1650	0.1650	0.164	0.16	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	156	0.1642	0.1452	0.1814	0.164	0.16	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	149	0.166	0.162	0.165	0.164	0.18	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.99	Other	137	0.1619	0.1695	0.1599	0.164	0.16	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	101	0.1920	0.1559	0.1517	0.167	0.26	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	165	0.1710	0.1837	0.1674	0.174	0.53	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	177	0.179	0.175		0.177	0.64	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.99	Other	120	0.1779	0.1737	0.1839	0.178	0.69	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	149	0.176	0.172	0.186	0.178	0.67	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	123	0.1350	0.2530	0.1490	0.179	0.71	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	116	0.1866	0.1703	0.1889	0.182	0.81	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	155	0.185	0.188	0.173	0.182	0.82	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	163	0.188	0.183	0.186	0.186	0.95	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	160	0.18	0.19	0.19	0.187	0.98	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	109	0.184	0.187	0.197	0.189	1.08	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	122	0.1886	0.1900	0.1884	0.189	1.07	0.1592	48	0.0279	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Δ9-THCA (%AR)	002.30	LC-MS, other	119	0.1899	0.1935	0.1843	0.189	1.07	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.99	Other	172	0.18	0.18	0.21	0.19	1.1	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.19	0.19	0.19	0.19	1.1	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	145	0.21	0.2	0.18	0.197	1.34	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	106	0.203	0.207	0.21	0.207	1.7	0.1592	48	0.0279	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	150	0.29	0.28	0.28	0.283	4.44	0.1592	48	0.0279	0

HM19NOV-2

2	Δ9-THCA (%AR)	002.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	123	<0.0700	<0.0740	<0.0770	<0.0700					1
2	Δ9-THCA (%AR)	002.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	Δ9-THCA (%AR)	002.10	LC-UV, other	179	0	0	0	0					2
2	Δ9-THCA (%AR)	002.10	LC-UV, other	142	0.0192	0.0190	0.0182	0.0188	-1.84	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	141	0.0188	0.0207	0.0197	0.0197	-1.75	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	124	0.0198	0.0197	0.0242	0.0212	-1.61	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	162	0.0240	0.0225	0.0230	0.0232	-1.42	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0241	0.0232	0.0228	0.0234	-1.4	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	140	0.0250	0.0240	0.0253	0.0248	-1.27	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.99	Other	132	0.027	0.027	0.026	0.0267	-1.09	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	160	0.03	0.03	0.03	0.03	-0.77	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	172	0.03	0.03	0.03	0.03	-0.77	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.032	0.031	0.029	0.0307	-0.7	0.038	43	0.0104	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	113	0.0307	0.0306	0.0309	0.0307	-0.7	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	144	0.0305	0.0344	0.0347	0.0332	-0.46	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	135	0.0324	0.0365	0.0340	0.0343	-0.35	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	144	0.0357	0.0332	0.0358	0.0349	-0.3	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	152	0.0378	0.0361	0.0349	0.0363	-0.17	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	159	0.0379	0.0344	0.0348	0.0357	-0.22	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	177	0.0377	0.0359		0.0368	-0.12	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	118	0.032	0.022	0.057	0.037	-0.1	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	125	0.0352	0.0395	0.0367	0.0371	-0.08	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.99	Other	120	0.0384	0.0375	0.0391	0.0383	0.03	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	164	0.0383	0.0370	0.0376	0.0376	-0.04	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	149	0.038	0.037	0.038	0.0377	-0.03	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.99	Other	137	0.0405	0.0373	0.0391	0.039	0.09	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	156	0.0394	0.0330	0.0445	0.039	0.09	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	149	0.038	0.038	0.04	0.0387	0.06	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	101	0.0462	0.0362	0.0358	0.0394	0.13	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	136	0.04	0.04	0.04	0.04	0.19	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.99	Other	172	0.03	0.05	0.04	0.04	0.19	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	154	0.036	0.04	0.048	0.0413	0.32	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.0400	0.0400	0.0426	0.0409	0.27	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	139	0.0448	0.0357	0.0418	0.0408	0.27	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	109	0.042	0.044	0.044	0.0433	0.51	0.038	43	0.0104	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Δ9-THCA (%AR)	002.30	LC-MS, other	119	0.0438	0.0425	0.0424	0.0429	0.47	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	174	0.0400	0.0510	0.0390	0.0433	0.51	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	122	0.0429	0.0426	0.0430	0.0428	0.46	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	163	0.047	0.047	0.047	0.047	0.86	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.05	0.05	0.05	0.05	1.15	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	165	0.0523	0.0591	0.0457	0.0524	1.38	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	145	0.05	0.06	0.05	0.0533	1.47	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	150	0.07	0.07	0.07	0.07	3.07	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	106	0.079	0.077	0.078	0.078	3.83	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	155	0.106	0.088	0.099	0.0977	5.72	0.038	43	0.0104	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	116	0.0574	0.0495	0.515	0.207	16.23	0.038	43	0.0104	0

CBD (%AR)

HM19NOV-1

1	CBD (%AR)	003.01	AOAC 2018.10	175	0.0099	0.0119	0.0106	0.0108	-10.77	1.5907	42	0.1467	0
1	CBD (%AR)	003.01	AOAC 2018.10	160	1.36	1.24	1.32	1.31	-1.94	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	140	1.2945	1.3057	1.3550	1.32	-1.86	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	176	1.2955	1.3856	1.3439	1.34	-1.7	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	144	1.2068	1.4494	1.3790	1.35	-1.68	1.5907	42	0.1467	0
1	CBD (%AR)	003.02	AOAC 2018.11,	155	1.364	1.397	1.315	1.36	-1.58	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	164	1.4623	1.4432	1.3910	1.43	-1.08	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	154	1.387	1.451	1.44	1.43	-1.12	1.5907	42	0.1467	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBD (%AR)	003.10	LC-UV, other	149	1.455	1.478	1.511	1.48	-0.75	1.5907	42	0.1467	0
1	CBD (%AR)	003.02	AOAC 2018.11,	118	1.423	1.638	1.424	1.5	-0.65	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	135	1.4832	1.5672	1.5697	1.54	-0.35	1.5907	42	0.1467	0
1	CBD (%AR)	003.02	AOAC 2018.11,	174	1.5460	1.5470	1.5530	1.55	-0.29	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	139	1.4907	1.6137	1.5571	1.55	-0.25	1.5907	42	0.1467	0
1	CBD (%AR)	003.99	Other	172	1.59	1.56	1.52	1.56	-0.23	1.5907	42	0.1467	0
1	CBD (%AR)	003.99	Other	137	1.56	1.589	1.517	1.56	-0.24	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	156	1.4925	1.4304	1.7822	1.57	-0.15	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	172	1.57	1.59	1.57	1.58	-0.1	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	161	1.5687	1.5805	1.6306	1.59	0.02	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	142	1.6229	1.5718	1.5619	1.59	-0.04	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	149	1.785	1.475	1.516	1.59	0.01	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	125	1.5098	1.6432	1.6790	1.61	0.14	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	141	1.7274	1.5445	1.5571	1.61	0.13	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	106	1.598	1.6	1.625	1.61	0.12	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	127	1.7067	1.5982	1.5625	1.62	0.22	1.5907	42	0.1467	0
1	CBD (%AR)	003.02	AOAC 2018.11,	123	1.684	1.503	1.681	1.62	0.22	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	109	1.631	1.639	1.605	1.62	0.23	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	159	1.6431	1.5668	1.6759	1.63	0.26	1.5907	42	0.1467	0
1	CBD (%AR)	003.99	Other	132	1.605	1.507	1.781	1.63	0.27	1.5907	42	0.1467	0
1	CBD (%AR)	003.01	AOAC 2018.10	168	1.6	1.69	1.65	1.65	0.38	1.5907	42	0.1467	0
1	CBD (%AR)	003.01	AOAC 2018.10	162	1.6513	1.6212	1.6631	1.65	0.37	1.5907	42	0.1467	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBD (%AR)	003.10	LC-UV, other	150	1.58	1.78	1.58	1.65	0.38	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	101	1.7633	1.5884	1.6149	1.66	0.44	1.5907	42	0.1467	0
1	CBD (%AR)	003.02	AOAC 2018.11,	145	1.61	1.61	1.75	1.66	0.45	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	119	1.6992	1.6265	1.6730	1.67	0.51	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	144	1.8177	1.6757	1.6612	1.72	0.87	1.5907	42	0.1467	0
1	CBD (%AR)	003.30	LC-MS, other	122	1.7424	1.7515	1.7290	1.74	1.02	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	152	1.7016	1.7869	1.8042	1.76	1.18	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	163	1.756	1.793	1.775	1.77	1.25	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	116	1.8276	1.6663	1.8356	1.78	1.27	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	136	1.9	1.83	1.81	1.85	1.75	1.5907	42	0.1467	0
1	CBD (%AR)	003.02	AOAC 2018.11,	113	1.9046	1.8309	1.9063	1.88	1.98	1.5907	42	0.1467	0
1	CBD (%AR)	003.10	LC-UV, other	179	1.92	1.93	1.92	1.92	2.27	1.5907	42	0.1467	0
1	CBD (%AR)	003.02	AOAC 2018.11,	177	NT	NT		NT					1

HM19NOV-2

2	CBD (%AR)	003.01	AOAC 2018.10	175	0.0068	0.0060	0.0075	0.0068	-10.58	0.4412	42	0.0411	0
2	CBD (%AR)	003.02	AOAC 2018.11,	174	0.0440	0.0430	0.0430	0.0433	-9.69	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	140	0.3273	0.3127	0.3275	0.322	-2.89	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	176	0.3539	0.3855	0.3616	0.367	-1.81	0.4412	42	0.0411	0
2	CBD (%AR)	003.30	LC-MS, other	144	0.3460	0.4041	0.3789	0.376	-1.58	0.4412	42	0.0411	0
2	CBD (%AR)	003.30	LC-MS, other	164	0.3779	0.3950	0.3906	0.388	-1.3	0.4412	42	0.0411	0
2	CBD (%AR)	003.01	AOAC 2018.10	162	0.4077	0.3952	0.3930	0.399	-1.04	0.4412	42	0.0411	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBD (%AR)	003.02	AOAC 2018.11,	118	0.397	0.416	0.399	0.404	-0.9	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	149	0.41	0.398	0.411	0.406	-0.85	0.4412	42	0.0411	0
2	CBD (%AR)	003.30	LC-MS, other	149	0.404	0.439	0.399	0.414	-0.66	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	154	0.4	0.442	0.417	0.42	-0.52	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	135	0.4115	0.4238	0.4396	0.425	-0.39	0.4412	42	0.0411	0
2	CBD (%AR)	003.99	Other	172	0.44	0.43	0.41	0.427	-0.35	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	142	0.4325	0.4235	0.4315	0.429	-0.29	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	172	0.44	0.43	0.42	0.43	-0.27	0.4412	42	0.0411	0
2	CBD (%AR)	003.99	Other	132	0.447	0.408	0.443	0.433	-0.21	0.4412	42	0.0411	0
2	CBD (%AR)	003.30	LC-MS, other	139	0.4157	0.4567	0.4325	0.435	-0.15	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	141	0.4485	0.4145	0.4405	0.435	-0.16	0.4412	42	0.0411	0
2	CBD (%AR)	003.99	Other	137	0.4399	0.4299	0.437	0.436	-0.14	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	150	0.46	0.42	0.43	0.437	-0.11	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	161	0.4538	0.4238	0.4387	0.439	-0.06	0.4412	42	0.0411	0
2	CBD (%AR)	003.01	AOAC 2018.10	160	0.45	0.45	0.42	0.44	-0.03	0.4412	42	0.0411	0
2	CBD (%AR)	003.02	AOAC 2018.11,	155	0.442	0.453	0.44	0.445	0.09	0.4412	42	0.0411	0
2	CBD (%AR)	003.30	LC-MS, other	159	0.4659	0.4796	0.3939	0.446	0.13	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	125	0.4316	0.4731	0.4574	0.454	0.31	0.4412	42	0.0411	0
2	CBD (%AR)	003.30	LC-MS, other	156	0.4621	0.4572	0.4454	0.455	0.33	0.4412	42	0.0411	0
2	CBD (%AR)	003.01	AOAC 2018.10	168	0.436	0.469	0.462	0.456	0.35	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	127	0.4783	0.4576	0.4325	0.456	0.36	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	106	0.459	0.454	0.462	0.458	0.42	0.4412	42	0.0411	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBD (%AR)	003.30	LC-MS, other	119	0.4672	0.4568	0.4533	0.459	0.44	0.4412	42	0.0411	0
2	CBD (%AR)	003.30	LC-MS, other	122	0.4588	0.4668	0.4626	0.463	0.53	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	179	0.46	0.46	0.47	0.463	0.54	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	109	0.458	0.47	0.492	0.473	0.78	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	101	0.5020	0.4548	0.4745	0.477	0.87	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	152	0.4905	0.4703	0.4826	0.481	0.97	0.4412	42	0.0411	0
2	CBD (%AR)	003.02	AOAC 2018.11,	123	0.4840	0.4870	0.4800	0.484	1.03	0.4412	42	0.0411	0
2	CBD (%AR)	003.02	AOAC 2018.11,	113	0.4821	0.4817	0.4903	0.485	1.06	0.4412	42	0.0411	0
2	CBD (%AR)	003.02	AOAC 2018.11,	145	0.45	0.48	0.53	0.487	1.11	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	144	0.5037	0.4913	0.4758	0.49	1.2	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	163	0.501	0.496	0.499	0.499	1.4	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	136	0.52	0.0.49	0.5	0.51	1.68	0.4412	42	0.0411	0
2	CBD (%AR)	003.10	LC-UV, other	116	0.5680	0.5017	0.5431	0.538	2.35	0.4412	42	0.0411	0

CBDA (%AR)

HM19NOV-1

1	CBDA (%AR)	004.10	LC-UV, other	101	2.6338	2.2279	2.4172	2.43	-5.14	5.1949	41	0.5387	0
1	CBDA (%AR)	004.01	AOAC 2018.10	175	3.3160	3.3152	3.2807	3.3	-3.51	5.1949	41	0.5387	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	155	4.47	4.535	4.2166	4.41	-1.46	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	142	4.4934	4.5072	4.3112	4.44	-1.41	5.1949	41	0.5387	0
1	CBDA (%AR)	004.30	LC-MS, other	144	4.2828	5.1630	4.0319	4.49	-1.3	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	140	4.4773	4.4692	4.6172	4.52	-1.25	5.1949	41	0.5387	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBDA (%AR)	004.30	LC-MS, other	139	4.5121	4.7185	4.4375	4.56	-1.19	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	154	4.541	4.698	4.698	4.65	-1.02	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	179	4.92	4.93	4.94	4.93	-0.49	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	144	5.2089	4.5932	5.0069	4.94	-0.48	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	135	4.9204	4.9481	4.9708	4.95	-0.46	5.1949	41	0.5387	0
1	CBDA (%AR)	004.99	Other	132	4.945	4.628	5.41	4.99	-0.37	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	152	5.2746	4.9097	4.8569	5.01	-0.34	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	172	4.98	5.08	5.01	5.02	-0.32	5.1949	41	0.5387	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	123	5.231	4.696	5.24	5.06	-0.26	5.1949	41	0.5387	0
1	CBDA (%AR)	004.01	AOAC 2018.10	168	5.16	5.04	5.01	5.07	-0.23	5.1949	41	0.5387	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	118	5.213	4.937	5.115	5.09	-0.2	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	161	4.8687	5.1205	5.2908	5.09	-0.19	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	176	5.0711	5.2061	5.0131	5.1	-0.18	5.1949	41	0.5387	0
1	CBDA (%AR)	004.99	Other	172	5.17	5.21	5.13	5.17	-0.05	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	127	5.1368	5.3506	5.0619	5.18	-0.02	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	149	5.108	5.176	5.292	5.19	-0.01	5.1949	41	0.5387	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	174	5.1560	5.2270	5.2090	5.2	0	5.1949	41	0.5387	0
1	CBDA (%AR)	004.30	LC-MS, other	159	5.3236	5.1963	5.2164	5.25	0.09	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	106	5.25	5.304	5.339	5.3	0.19	5.1949	41	0.5387	0
1	CBDA (%AR)	004.30	LC-MS, other	164	5.3298	5.3009	5.3841	5.34	0.27	5.1949	41	0.5387	0
1	CBDA (%AR)	004.99	Other	137	5.329	5.475	5.221	5.34	0.27	5.1949	41	0.5387	0
1	CBDA (%AR)	004.01	AOAC 2018.10	162	5.3201	5.3067	5.4362	5.35	0.3	5.1949	41	0.5387	0

Samples: HM19NOV

All Labs Trueness

Issue Date: 12/20/2019

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBDA (%AR)	004.30	LC-MS, other	119	5.5118	5.2660	5.4900	5.42	0.42	5.1949	41	0.5387	0
1	CBDA (%AR)	004.30	LC-MS, other	122	5.4244	5.4264	5.4041	5.42	0.41	5.1949	41	0.5387	0
1	CBDA (%AR)	004.30	LC-MS, other	156	5.1201	5.7284	5.5357	5.46	0.49	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	116	5.2581	5.6337	5.7695	5.55	0.67	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	150	5.78	5.63	5.7	5.7	0.94	5.1949	41	0.5387	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	145	5.8	5.87	5.48	5.72	0.97	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	125	5.8663	5.8076	5.5280	5.73	1	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	136	5.95	5.75	5.57	5.76	1.04	5.1949	41	0.5387	0
1	CBDA (%AR)	004.30	LC-MS, other	149	6.664	5.209	5.642	5.84	1.19	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	141	6.2646	5.7434	5.9206	5.98	1.45	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	109	6.062	6.088	5.894	6.01	1.52	5.1949	41	0.5387	0
1	CBDA (%AR)	004.10	LC-UV, other	163	6.17	6.291	6.231	6.23	1.92	5.1949	41	0.5387	0
1	CBDA (%AR)	004.01	AOAC 2018.10	160	6.68	7.19	7.05	6.97	3.3	5.1949	41	0.5387	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	177	NT	NT		NT					1

HM19NOV-2

2	CBDA (%AR)	004.01	AOAC 2018.10	175	1.0318	1.0437	1.0291	1.03	-2.54	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	142	1.0618	1.0391	1.0315	1.04	-2.47	1.407	41	0.1467	0
2	CBDA (%AR)	004.99	Other	132	1.2	1.052	1.147	1.13	-1.87	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	140	1.1701	1.1159	1.1694	1.15	-1.74	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	154	1.139	1.27	1.181	1.2	-1.43	1.407	41	0.1467	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	155	1.219	1.195	1.216	1.21	-1.34	1.407	41	0.1467	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBDA (%AR)	004.30	LC-MS, other	144	1.1423	1.4430	1.1462	1.24	-1.11	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	179	1.28	1.28	1.28	1.28	-0.87	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	152	1.3854	1.2863	1.2749	1.32	-0.62	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	161	1.3025	1.3503	1.3434	1.33	-0.51	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	144	1.3174	1.3524	1.3186	1.33	-0.53	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	172	1.34	1.33	1.32	1.33	-0.52	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	101	1.3948	1.2969	1.3449	1.35	-0.42	1.407	41	0.1467	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	118	1.385	1.237	1.415	1.35	-0.42	1.407	41	0.1467	0
2	CBDA (%AR)	004.30	LC-MS, other	156	1.4112	1.4184	1.2884	1.37	-0.23	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	135	1.3630	1.3481	1.3947	1.37	-0.26	1.407	41	0.1467	0
2	CBDA (%AR)	004.01	AOAC 2018.10	168	1.42	1.39	1.38	1.4	-0.07	1.407	41	0.1467	0
2	CBDA (%AR)	004.99	Other	172	1.43	1.44	1.35	1.41	0	1.407	41	0.1467	0
2	CBDA (%AR)	004.01	AOAC 2018.10	162	1.4313	1.3818	1.4053	1.41	-0.01	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	106	1.41	1.417	1.415	1.41	0.05	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	127	1.4366	1.4944	1.3401	1.42	0.11	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	149	1.411	1.429	1.439	1.43	0.13	1.407	41	0.1467	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	174	1.4380	1.4130	1.4420	1.43	0.16	1.407	41	0.1467	0
2	CBDA (%AR)	004.30	LC-MS, other	139	1.3758	1.4171	1.4901	1.43	0.14	1.407	41	0.1467	0
2	CBDA (%AR)	004.30	LC-MS, other	159	1.4746	1.4321	1.3802	1.43	0.15	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	176	1.4283	1.4995	1.3601	1.43	0.15	1.407	41	0.1467	0
2	CBDA (%AR)	004.30	LC-MS, other	164	1.4848	1.4342	1.4653	1.46	0.37	1.407	41	0.1467	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	123	1.483	1.492	1.463	1.48	0.49	1.407	41	0.1467	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBDA (%AR)	004.10	LC-UV, other	136	1.52	1.47	1.45	1.48	0.5	1.407	41	0.1467	0
2	CBDA (%AR)	004.30	LC-MS, other	119	1.5072	1.4429	1.4798	1.48	0.47	1.407	41	0.1467	0
2	CBDA (%AR)	004.01	AOAC 2018.10	160	1.57	1.44	1.46	1.49	0.57	1.407	41	0.1467	0
2	CBDA (%AR)	004.99	Other	137	1.499	1.474	1.502	1.49	0.58	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	150	1.53	1.48	1.5	1.5	0.66	1.407	41	0.1467	0
2	CBDA (%AR)	004.30	LC-MS, other	149	1.566	1.536	1.502	1.53	0.87	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	141	1.5513	1.5048	1.5896	1.55	0.96	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	116	1.5029	1.6747	1.4966	1.56	1.03	1.407	41	0.1467	0
2	CBDA (%AR)	004.30	LC-MS, other	122	1.5823	1.5687	1.5733	1.57	1.14	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	125	1.6555	1.6230	1.5313	1.6	1.34	1.407	41	0.1467	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	145	1.62	1.68	1.57	1.62	1.47	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	163	1.72	1.699	1.71	1.71	2.06	1.407	41	0.1467	0
2	CBDA (%AR)	004.10	LC-UV, other	109	1.693	1.755	1.796	1.75	2.32	1.407	41	0.1467	0

CBN (%AR)

HM19NOV-1

1	CBN (%AR)	005.10	LC-UV, other	141	< 0.012	< 0.012	< 0.012	< 0.012					1
1	CBN (%AR)	005.10	LC-UV, other	140	<0.0005	<0.0005	<0.0005	<0.0005					1
1	CBN (%AR)	005.01	AOAC 2018.10	175	<0.0020	<0.0020	<0.0020	<0.0020					1
1	CBN (%AR)	005.10	LC-UV, other	154	<0.005	<0.005	<0.005	<0.005					1
1	CBN (%AR)	005.20	LC-MS, other	119	<0.008	<0.008	<0.008	<0.008					1
1	CBN (%AR)	005.10	LC-UV, other	142	<0.01	<0.01	<0.01	<0.01					1

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBN (%AR)	005.20	LC-MS, other	156	<0.01	<0.01	<0.01	<0.01					1
1	CBN (%AR)	005.10	LC-UV, other	125	<0.0100	<0.0100	<0.0100	<0.0100					1
1	CBN (%AR)	005.02	AOAC 2018.11,	118	<0.02	<0.02	<0.02	<0.02					1
1	CBN (%AR)	005.01	AOAC 2018.10	168	<0.025	<0.025	<0.025	<0.025					1
1	CBN (%AR)	005.99	Other	137	<0.0298	<0.0290	<0.0298	<0.0298					1
1	CBN (%AR)	005.10	LC-UV, other	144	<0.03	<0.03	<0.03	<0.03					1
1	CBN (%AR)	005.30	GC-FID	116	<0.03	<0.03	<0.03	<0.03					1
1	CBN (%AR)	005.20	LC-MS, other	144	<0.03	<0.03	<0.03	<0.03					1
1	CBN (%AR)	005.01	AOAC 2018.10	162	<0.0500	<0.0500	<0.0500	<0.0500					1
1	CBN (%AR)	005.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
1	CBN (%AR)	005.02	AOAC 2018.11,	123	<0.0730	<0.0760	<0.0750	<0.0730					1
1	CBN (%AR)	005.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
1	CBN (%AR)	005.40	GC-MS	127	<0.1500	<0.1500	<0.1500	<0.1500					1
1	CBN (%AR)	005.10	LC-UV, other	150	<1	<1	<1	<1					1
1	CBN (%AR)	005.10	LC-UV, other	135	0	0	0	0					2
1	CBN (%AR)	005.30	GC-FID	163	0	0	0	0					2
1	CBN (%AR)	005.99	Other	172	0	0	0	0					2
1	CBN (%AR)	005.10	LC-UV, other	179	0	0	0	0					2
1	CBN (%AR)	005.10	LC-UV, other	172	0	0	0	0					2
1	CBN (%AR)	005.20	LC-MS, other	149	0.003	0.003	0.003	0.003	-0.88	0.0229	13	0.0225	0
1	CBN (%AR)	005.20	LC-MS, other	122	0.0033	0.0033	0.0032	0.0033	-0.87	0.0229	13	0.0225	0
1	CBN (%AR)	005.20	LC-MS, other	159	0.0036	0.0035	0.0035	0.0035	-0.86	0.0229	13	0.0225	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBN (%AR)	005.20	LC-MS, other	139	0.0042	0.0049	0.0041	0.0044	-0.82	0.0229	13	0.0225	0
1	CBN (%AR)	005.01	AOAC 2018.10	160	<0.0100	0.01	0.01	0.01	-0.57	0.0229	13	0.0225	0
1	CBN (%AR)	005.30	GC-FID	138	0.016	0.023	0.0126	0.0172	-0.25	0.0229	13	0.0225	0
1	CBN (%AR)	005.02	AOAC 2018.11,	174	0.0230	0.0210	<0.0100	0.018	-0.22	0.0229	13	0.0225	0
1	CBN (%AR)	005.99	Other	132	0.019	0.018	0.02	0.019	-0.17	0.0229	13	0.0225	0
1	CBN (%AR)	005.10	LC-UV, other	109	0.021	0.022	0.024	0.0223	-0.02	0.0229	13	0.0225	0
1	CBN (%AR)	005.02	AOAC 2018.11,	155	0.024	0.056	0	0.04	0.76	0.0229	13	0.0225	0
1	CBN (%AR)	005.10	LC-UV, other	116	<0.04	<0.04	0.0404	0.0401					1
1	CBN (%AR)	005.30	GC-FID	143	0.0436	0.042	0.0448	0.0435	0.91	0.0229	13	0.0225	0
1	CBN (%AR)	005.10	LC-UV, other	136	0.06	0.06	0.06	0.06	1.65	0.0229	13	0.0225	0
1	CBN (%AR)	005.10	LC-UV, other	101	0.1629	0.1428	0.1478	0.151	5.7	0.0229	13	0.0225	0
1	CBN (%AR)	005.10	LC-UV, other	149	ND	ND	ND	ND					1
1	CBN (%AR)	005.02	AOAC 2018.11,	177	NT	NT		NT					1

HM19NOV-2

2	CBN (%AR)	005.10	LC-UV, other	141	< 0.012	< 0.012	< 0.012	< 0.012					1
2	CBN (%AR)	005.10	LC-UV, other	140	<0.0005	<0.0005	<0.0005	<0.0005					1
2	CBN (%AR)	005.20	LC-MS, other	159	<0.002	<0.002	<0.002	<0.002					1
2	CBN (%AR)	005.10	LC-UV, other	154	<0.005	<0.005	<0.005	<0.005					1
2	CBN (%AR)	005.20	LC-MS, other	119	<0.008	<0.008	<0.008	<0.008					1
2	CBN (%AR)	005.10	LC-UV, other	142	<0.01	<0.01	<0.01	<0.01					1
2	CBN (%AR)	005.20	LC-MS, other	156	<0.01	<0.01	<0.01	<0.01					1

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBN (%AR)	005.02	AOAC 2018.11,	174	<0.0100	<0.0100	<0.0100	<0.0100					1
2	CBN (%AR)	005.10	LC-UV, other	125	<0.0100	<0.0100	<0.0100	<0.0100					1
2	CBN (%AR)	005.02	AOAC 2018.11,	118	<0.02	<0.02	<0.02	<0.02					1
2	CBN (%AR)	005.01	AOAC 2018.10	168	<0.025	<0.025	<0.025	<0.025					1
2	CBN (%AR)	005.99	Other	137	<0.0292	<0.0295	<0.0289	<0.0292					1
2	CBN (%AR)	005.10	LC-UV, other	144	<0.03	<0.03	<0.03	<0.03					1
2	CBN (%AR)	005.20	LC-MS, other	144	<0.03	<0.03	<0.03	<0.03					1
2	CBN (%AR)	005.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
2	CBN (%AR)	005.01	AOAC 2018.10	162	<0.0500	<0.0500	<0.0500	<0.0500					1
2	CBN (%AR)	005.02	AOAC 2018.11,	123	<0.0700	<0.0740	<0.0770	<0.0700					1
2	CBN (%AR)	005.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	CBN (%AR)	005.40	GC-MS	127	<0.1500	<0.1500	<0.1500	<0.1500					1
2	CBN (%AR)	005.10	LC-UV, other	150	<1	<1	<1	<1					1
2	CBN (%AR)	005.10	LC-UV, other	109	0	0	0	0					2
2	CBN (%AR)	005.10	LC-UV, other	172	0	0	0	0					2
2	CBN (%AR)	005.99	Other	172	0	0	0	0					2
2	CBN (%AR)	005.30	GC-FID	143	0	0	0	0					2
2	CBN (%AR)	005.10	LC-UV, other	179	0	0	0	0					2
2	CBN (%AR)	005.10	LC-UV, other	135	0	0	0	0					2
2	CBN (%AR)	005.30	GC-FID	163	0	0	0	0					2
2	CBN (%AR)	005.20	LC-MS, other	122	0.0014	0.0013	0.0013	0.0013	-0.97	0.0148	6	0.0139	0
2	CBN (%AR)	005.01	AOAC 2018.10	175	0.0027	0.0027	0.0038	0.0031	-0.84	0.0148	6	0.0139	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBN (%AR)	005.30	GC-FID	138	0.0107	0.0174	0.0074	0.0118	-0.21	0.0148	6	0.0139	0
2	CBN (%AR)	005.01	AOAC 2018.10	160	<.0100	0.02	<.0100	0.0133					1
2	CBN (%AR)	005.99	Other	132	0.018	0.018	0.018	0.018	0.23	0.0148	6	0.0139	0
2	CBN (%AR)	005.10	LC-UV, other	136	0.02	0.02	0.02	0.02	0.38	0.0148	6	0.0139	0
2	CBN (%AR)	005.10	LC-UV, other	101	0.0365	0.0324	0.0342	0.0344	1.41	0.0148	6	0.0139	0
2	CBN (%AR)	005.20	LC-MS, other	149	BMDL	BMDL	BMDL	BMDL					1
2	CBN (%AR)	005.10	LC-UV, other	149	ND	ND	ND	ND					1
2	CBN (%AR)	005.10	LC-UV, other	116	ND	ND	ND	ND					1
2	CBN (%AR)	005.20	LC-MS, other	139	ND	ND	ND	ND					1
2	CBN (%AR)	005.30	GC-FID	116	ND	ND	ND	ND					1

Total Δ9-THC (%AR)

HM19NOV-1

1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.0638	0.0631	0.0628	0.0632	-6.26	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	140	0.2291	0.2310	0.2382	0.233	-1.78	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	143	0.2475	0.2316	0.2592	0.246	-1.42	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	150	0.25	0.25	0.25	0.25	-1.32	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	176	0.2412	0.2504	0.2610	0.251	-1.3	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	144	0.2346	0.2685	0.2579	0.254	-1.22	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	164	0.2548	0.2558	0.2614	0.257	-1.13	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2703	0.2377	0.2662	0.258	-1.11	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	162	0.2557	0.2623	0.2636	0.261	-1.04	0.2999	60	0.0378	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	142	0.2726	0.2646	0.2513	0.263	-0.98	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2636	0.2730	0.2599	0.266	-0.91	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	160	.2679	.2666	.2766	0.27	-0.78	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.271	0.276	0.269	0.272	-0.74	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	172	0.27	0.28	0.27	0.273	-0.7	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	154	0.2704	0.2659	0.2824	0.273	-0.72	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	121	0.2636	0.2495	0.3105	0.275	-0.67	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	118	0.268	0.248	0.311	0.276	-0.64	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	112	0.2802	0.2682	0.2802	0.276	-0.63	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	124	0.2846	0.2701	0.2751	0.277	-0.62	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	127	0.2856	0.2862	0.2729	0.282	-0.49	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	125	0.2813	0.2813	0.2951	0.286	-0.37	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	179	0.29	0.28	0.29	0.287	-0.35	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	149	0.292	0.283	0.287	0.287	-0.33	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	135	0.2954	0.2856	0.2840	0.288	-0.31	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	103	0.2767	0.2913	0.3049	0.291	-0.24	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	161	0.2918	0.2979	0.2819	0.291	-0.25	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	141	0.2910	0.3061	0.2857	0.294	-0.15	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.99	Other	137	0.2916	0.3030	0.2874	0.294	-0.16	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2635	0.3031	0.3175	0.295	-0.14	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	156	0.2811	0.2694	0.3404	0.297	-0.08	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	101	0.3223	0.2872	0.2851	0.298	-0.05	0.2999	60	0.0378	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	174	0.2990	0.2987	0.2957	0.298	-0.06	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.99	Other	120	.2970	.2983	.3059	0.3	0.01	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3006	0.2962	0.3031	0.3	0	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	159	0.3036	0.3001	0.3003	0.301	0.04	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	149	0.294	0.309	0.305	0.303	0.07	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	152	0.3092	0.3041	0.3073	0.307	0.18	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	138	0.3075	0.3214	0.3020	0.31	0.27	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	165	0.3050	0.3271	0.3052	0.312	0.33	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3197	0.3194	0.3077	0.316	0.41	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	122	0.3160	0.3169	0.3168	0.317	0.44	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	145	0.33	0.32	0.31	0.32	0.53	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	109	0.321	0.309	0.331	0.32	0.54	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.33	0.32	0.32	0.323	0.62	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	139	0.3295	0.3181	0.3246	0.324	0.64	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3125	0.3499	0.3212	0.328	0.74	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.50	GC-MS	127	0.3006	0.3384	0.3516	0.33	0.8	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	144	0.3397	0.3249	0.3279	0.331	0.82	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	123	0.3010	0.3880	0.3100	0.333	0.87	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.99	Other	107	0.347	0.332	0.337	0.339	1.02	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	136	0.35	0.34	0.33	0.34	1.06	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	155	0.333	0.359	0.331	0.341	1.09	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	119	0.3407	0.3526	0.3366	0.343	1.15	0.2999	60	0.0378	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Total Δ9-THC (%AR)	006.99	Other	172	0.35	0.33	0.37	0.35	1.32	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	116	0.3703	0.3194	0.3734	0.354	1.44	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	106	0.354	0.362	0.366	0.361	1.61	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.99	Other	132	0.348	0.347	0.404	0.366	1.76	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	177	0.377	0.361		0.369	1.83	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	163	0.386	0.373	0.379	0.379	2.1	0.2999	60	0.0378	0
1	Total Δ9-THC (%AR)	006.50	GC-MS	151	0.42	0.4	0.42	0.413	3	0.2999	60	0.0378	0

HM19NOV-2

2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	123	<0.0700	<0.0740	<0.0770	<0.0700					1
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	Total Δ9-THC (%AR)	006.50	GC-MS	127	<0.1500	<0.1500	<0.1500	<0.1500					1
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.0211	0.0203	0.0200	0.0205	-3.5	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	179	0.03	0.03	0.03	0.03	-2.81	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	140	0.0330	0.0321	0.0333	0.0328	-2.6	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	141	0.0406	0.0428	0.0430	0.0421	-1.92	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	142	0.0508	0.0497	0.0481	0.0495	-1.39	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	124	0.047	0.047	0.0518	0.0486	-1.45	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	162	0.0534	0.0514	0.0505	0.0518	-1.22	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.99	Other	107	0.057	0.057	0.05	0.0547	-1.01	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	114	0.0633	0.0662	0.0410	0.0568	-0.85	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	127	0.0579	0.0602	0.0546	0.0576	-0.8	0.0686	56	0.0138	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	172	0.06	0.06	0.06	0.06	-0.62	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	153	0.0534	0.0647	0.0649	0.061	-0.55	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.064	0.062	0.06	0.062	-0.48	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	160	.0663	.0563	.0663	0.063	-0.41	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.99	Other	120	0.0615	0.0625	0.0653	0.0631	-0.4	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	149	0.063	0.064	0.062	0.063	-0.41	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	154	0.0576	0.0601	0.0721	0.0633	-0.39	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	144	0.0593	0.0632	0.0655	0.0627	-0.43	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	164	0.0633	0.0627	0.0616	0.0625	-0.44	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	159	0.0640	0.0612	0.0645	0.0632	-0.39	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	156	0.0633	0.0573	0.0709	0.0638	-0.35	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	125	0.0620	0.0663	0.0637	0.064	-0.33	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	170	0.0594	0.0672	0.0694	0.0653	-0.24	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	143	0.0703	0.0663	0.0568	0.0645	-0.3	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	169	0.0613	0.0702	0.0624	0.0646	-0.29	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	135	0.0613	0.0689	0.0666	0.0656	-0.22	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	144	0.0674	0.0634	0.0680	0.0663	-0.17	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	118	0.059	0.048	0.091	0.066	-0.19	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	112	0.0664	0.0686	0.0662	0.0671	-0.11	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	150	0.06	0.07	0.07	0.0667	-0.14	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	149	0.07	0.064	0.071	0.0683	-0.02	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.99	Other	137	0.0694	0.0659	0.0685	0.0679	-0.05	0.0686	56	0.0138	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	174	0.0660	0.0777	0.0642	0.0693	0.05	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	152	0.0702	0.0696	0.0676	0.0691	0.04	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	101	0.0763	0.0659	0.0668	0.0697	0.08	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	122	0.0710	0.0699	0.0715	0.0708	0.16	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	177	0.0732	0.0697		0.0715	0.21	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	136	0.08	0.07	0.07	0.0733	0.35	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	139	0.0707	0.0739	0.0790	0.0745	0.43	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	119	0.0761	0.0752	0.0749	0.0754	0.5	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	103	0.0729	0.0740	0.0768	0.0746	0.44	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	138	0.0716	0.0827	0.0744	0.0762	0.56	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.99	Other	172	0.06	0.08	0.09	0.0767	0.59	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	109	0.073	0.075	0.083	0.077	0.61	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	128	0.0791	0.0801	0.0801	0.0798	0.81	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.08	0.08	0.08	0.08	0.83	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	165	0.0916	0.0790	0.0740	0.0815	0.94	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	121	0.0850	0.0752	0.0882	0.0828	1.03	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	116	0.0961	0.0917	0.0896	0.0925	1.74	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	145	0.07	0.09	0.12	0.0933	1.8	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.99	Other	132	0.095	0.09	0.093	0.0927	1.75	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	163	0.105	0.101	0.103	0.103	2.5	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	116	0.116	0.0887	0.1030	0.103	2.47	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	106	0.134	0.139	0.136	0.136	4.93	0.0686	56	0.0138	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	155	0.162	0.146	0.145	0.151	5.99	0.0686	56	0.0138	0
2	Total Δ9-THC (%AR)	006.50	GC-MS	151	0.16	0.16	0.14	0.153	6.16	0.0686	56	0.0138	0

Total CBD (%AR)

HM19NOV-1

1	Total CBD (%AR)	007.01	AOAC 2018.10	175	2.9180	2.9193	2.8878	2.91	-6.52	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	101	4.0732	3.5423	3.7348	3.78	-4.78	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	140	5.2211	5.2252	5.4043	5.28	-1.79	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	144	4.9628	5.9774	4.9150	5.29	-1.79	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	142	5.5636	5.5246	5.3428	5.48	-1.4	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	154	5.3695	5.5711	5.5601	5.5	-1.36	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	139	5.4478	5.7518	5.4487	5.55	-1.26	6.1813	46	0.502	0
1	Total CBD (%AR)	007.50	GC-MS	127	5.0701	5.8788	6.1706	5.71	-0.95	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	176	5.7429	5.9513	5.7404	5.81	-0.74	6.1813	46	0.502	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	155	5.93	6.02	5.67	5.87	-0.61	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	135	5.7984	5.9067	5.9291	5.88	-0.6	6.1813	46	0.502	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	118	5.995	5.968	5.91	5.96	-0.45	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	172	5.94	6.05	5.96	5.98	-0.39	6.1813	46	0.502	0
1	Total CBD (%AR)	007.99	Other	132	5.941	5.566	6.526	6.01	-0.34	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	149	5.935	6.018	6.151	6.03	-0.29	6.1813	46	0.502	0
1	Total CBD (%AR)	007.40	GC-FID	169	5.9823	6.2015	5.9089	6.03	-0.3	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	144	6.3869	5.7039	6.0523	6.05	-0.27	6.1813	46	0.502	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Total CBD (%AR)	007.02	AOAC 2018.11,	123	6.272	5.621	6.277	6.06	-0.25	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	161	5.8385	6.071	6.2706	6.06	-0.24	6.1813	46	0.502	0
1	Total CBD (%AR)	007.01	AOAC 2018.10	168	6.13	6.11	6.04	6.09	-0.18	6.1813	46	0.502	0
1	Total CBD (%AR)	007.99	Other	172	6.13	6.13	6.02	6.09	-0.18	6.1813	46	0.502	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	174	6.0678	6.1311	6.1213	6.11	-0.15	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	164	6.1365	6.0921	6.1129	6.11	-0.13	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	152	6.3274	6.0927	6.0637	6.16	-0.04	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	127	6.2117	6.2906	6.0018	6.17	-0.03	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	156	5.9827	5.9643	6.6637	6.2	0.04	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	159	6.3119	6.1240	6.2507	6.23	0.09	6.1813	46	0.502	0
1	Total CBD (%AR)	007.99	Other	137	6.2335	6.3906	6.0958	6.24	0.12	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	106	6.203	6.252	6.308	6.25	0.15	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	179	6.24	6.26	6.27	6.26	0.15	6.1813	46	0.502	0
1	Total CBD (%AR)	007.01	AOAC 2018.10	162	6.3170	6.2752	6.4306	6.34	0.32	6.1813	46	0.502	0
1	Total CBD (%AR)	007.40	GC-FID	163	6.256	6.468	6.362	6.36	0.36	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	119	6.5330	6.2448	6.4877	6.42	0.48	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	122	6.5000	6.5104	6.4685	6.49	0.62	6.1813	46	0.502	0
1	Total CBD (%AR)	007.40	GC-FID	143	6.5878	6.4869	6.8061	6.63	0.89	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	125	6.6545	6.7364	6.5270	6.64	0.91	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	150	6.64	6.71	6.57	6.64	0.91	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	116	6.4389	6.6070	6.8954	6.65	0.93	6.1813	46	0.502	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	145	6.7	6.76	6.55	6.67	0.97	6.1813	46	0.502	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Total CBD (%AR)	007.40	GC-FID	116	6.3116	6.7230	7.0789	6.7	1.04	6.1813	46	0.502	0
1	Total CBD (%AR)	007.30	LC-MS, other	149	7.63	6.044	6.464	6.71	1.06	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	141	7.2214	6.5814	6.7495	6.85	1.33	6.1813	46	0.502	0
1	Total CBD (%AR)	007.40	GC-FID	138	6.764	7.0628	6.8502	6.89	1.42	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	136	7.12	6.87	6.69	6.89	1.42	6.1813	46	0.502	0
1	Total CBD (%AR)	007.10	LC-UV, other	109	6.948	6.978	6.774	6.9	1.43	6.1813	46	0.502	0
1	Total CBD (%AR)	007.01	AOAC 2018.10	160	7.2184	7.5456	7.5029	7.42	2.47	6.1813	46	0.502	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	177	NT	NT		NT					1

HM19NOV-2

2	Total CBD (%AR)	007.01	AOAC 2018.10	175	0.9117	0.9213	0.9100	0.914	-4.64	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	174	1.3051	1.2822	1.3076	1.3	-2.34	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	140	1.3535	1.2913	1.3530	1.33	-2.13	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	142	1.3637	1.3348	1.3361	1.34	-2.06	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.99	Other	132	1.499	1.33	1.449	1.43	-1.57	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	154	1.3989	1.5558	1.4527	1.47	-1.31	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.30	LC-MS, other	144	1.3477	1.6696	1.3841	1.47	-1.32	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.40	GC-FID	169	1.5374	1.5197	1.4796	1.51	-1.05	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	118	1.612	1.501	1.639	1.58	-0.62	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	179	1.58	1.58	1.58	1.58	-0.65	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	172	1.61	1.59	1.58	1.59	-0.57	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	161	1.5961	1.6080	1.6169	1.61	-0.49	1.6881	46	0.1669	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Total CBD (%AR)	007.30	LC-MS, other	156	1.6661	1.6669	1.5419	1.62	-0.38	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	176	1.6065	1.7006	1.5545	1.62	-0.41	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	152	1.7054	1.5984	1.6007	1.63	-0.32	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	135	1.6069	1.6061	1.6628	1.63	-0.38	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.01	AOAC 2018.10	162	1.6630	1.6070	1.6254	1.63	-0.34	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	144	1.6591	1.6774	1.6322	1.66	-0.19	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	149	1.647	1.651	1.673	1.66	-0.19	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	101	1.7252	1.5921	1.6540	1.66	-0.19	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.30	LC-MS, other	164	1.6801	1.6528	1.6757	1.67	-0.11	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.99	Other	172	1.7	1.7	1.6	1.67	-0.13	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.01	AOAC 2018.10	168	1.68	1.69	1.67	1.68	-0.05	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.30	LC-MS, other	139	1.6223	1.6995	1.7393	1.69	-0.01	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	127	1.7382	1.7682	1.6078	1.7	0.1	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.30	LC-MS, other	159	1.7591	1.7356	1.6043	1.7	0.07	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	106	1.695	1.696	1.703	1.7	0.06	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.99	Other	137	1.7545	1.7226	1.7543	1.74	0.33	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	155	1.76	1.72	1.74	1.74	0.31	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.30	LC-MS, other	119	1.7891	1.7223	1.7510	1.75	0.4	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.01	AOAC 2018.10	160	1.8269	1.7129	1.7004	1.75	0.35	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	150	1.8	1.71	1.75	1.75	0.39	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.30	LC-MS, other	149	1.778	1.785	1.716	1.76	0.43	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	123	1.785	1.796	1.763	1.78	0.56	1.6881	46	0.1669	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Total CBD (%AR)	007.10	LC-UV, other	141	1.8091	1.7342	1.8345	1.79	0.63	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	136	1.86	1.78	1.77	1.8	0.69	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.40	GC-FID	163	1.804	1.797	1.8	1.8	0.67	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.40	GC-FID	116	1.7031	1.7863	1.9685	1.82	0.79	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.30	LC-MS, other	122	1.8464	1.8426	1.8424	1.84	0.93	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	125	1.8835	1.8964	1.8003	1.86	1.03	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	116	1.8860	1.9704	1.8556	1.9	1.29	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	145	1.87	1.96	1.91	1.91	1.35	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.40	GC-FID	138	1.8586	1.9245	1.9658	1.92	1.37	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.40	GC-FID	143	2.0461	1.9845	1.7611	1.93	1.45	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.50	GC-MS	127	1.8029	2.0501	2.0220	1.96	1.62	1.6881	46	0.1669	0
2	Total CBD (%AR)	007.10	LC-UV, other	109	1.943	2.009	2.067	2.01	1.91	1.6881	46	0.1669	0

Moisture (%AR)

HM19NOV-1

1	Moisture (%AR)	500.99	Other	132	3.65	4.5	3.51	3.89	-1.7	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	108	4.72	4.7	4.69	4.7	-1.28	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	131	5.79	5.3	5.56	5.55	-0.85	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	116	5.8	5.61		5.7	-0.77	7.2112	16	1.9531	0
1	Moisture (%AR)	500.40	AOAC 934.01	138	6.4	6.2	6.09	6.23	-0.5	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	120	6.569	6.484	6.729	6.59	-0.32	7.2112	16	1.9531	0
1	Moisture (%AR)	500.40	AOAC 934.01	109	7.06	6.59	6.51	6.72	-0.25	7.2112	16	1.9531	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Moisture (%AR)	500.99	Other	119	6.85	6.85	6.69	6.8	-0.21	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	179	7.2	7.3	7.2	7.23	0.01	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	174	7.42	7.61	7.49	7.51	0.15	7.2112	16	1.9531	0
1	Moisture (%AR)	500.50	AOAC 930.15	175	8.42	8.79	7.2	8.14	0.47	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	159	8.3600	8.2	8.2500	8.27	0.54	7.2112	16	1.9531	0
1	Moisture (%AR)	500.50	AOAC 930.15	105	8.7200	8.5500	8.7000	8.66	0.74	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	176	8.97	9.16	9.02	9.05	0.94	7.2112	16	1.9531	0
1	Moisture (%AR)	500.50	AOAC 930.15	156	9.6511	9.7519	10.0088	9.8	1.33	7.2112	16	1.9531	0
1	Moisture (%AR)	500.99	Other	172	10.24	10.71	9.85	10.3	1.56	7.2112	16	1.9531	0
1	Moisture (%AR)	500.50	AOAC 930.15	177	NT	NT		NT					1

HM19NOV-2

2	Moisture (%AR)	500.99	Other	132	2.74	2.99	1.58	2.44	-2.16	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	131	4.06	3.46	3.74	3.75	-1.3	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	108	4.35	4.26	4.31	4.31	-0.94	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	175	4.84	5.55	4.46	4.95	-0.52	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	120	5.071	4.786	5.278	5.05	-0.46	5.7585	16	1.5411	0
2	Moisture (%AR)	500.40	AOAC 934.01	138	5.25	5.01	4.94	5.07	-0.45	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	116	5.48	5.11		5.3	-0.3	5.7585	16	1.5411	0
2	Moisture (%AR)	500.40	AOAC 934.01	109	5.75	5.25	5.29	5.43	-0.21	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	119	5.5	5.41	5.52	5.48	-0.18	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	174	6.04	6	5.82	5.95	0.13	5.7585	16	1.5411	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Moisture (%AR)	500.50	AOAC 930.15	105	6.7300	7.0200	6.2800	6.68	0.6	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	176	6.82	6.99	7.14	6.98	0.79	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	159	7.0400	7.0000	7.1	7.05	0.84	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	179	7.3	7.2	7.3	7.27	0.98	5.7585	16	1.5411	0
2	Moisture (%AR)	500.50	AOAC 930.15	156	7.2671	7.4863	7.5012	7.42	1.08	5.7585	16	1.5411	0
2	Moisture (%AR)	500.99	Other	172	8	7.995	8.067	8.02	1.47	5.7585	16	1.5411	0

Δ9-THC (%DW)

HM19NOV-1

1	Δ9-THC (%DW)	501.01	AOAC 2018.10	175	<0.0022	<0.0022	<0.0022	<0.0022					1
1	Δ9-THC (%DW)	501.10	LC-UV, other	127	0.0611	0.1511	0.1620	0.125	-1.77	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.30	LC-MS, other	105	0.1290	0.1320	0.1650	0.142	-0.96	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.10	LC-UV, other	176	0.1380	0.1474	0.1568	0.147	-0.71	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.99	Other	120	0.1510	0.1563	0.1548	0.154	-0.4	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.99	Other	131	0.16	0.15	0.16	0.157	-0.28	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.01	AOAC 2018.10	108	0.1614	0.1587	0.1605	0.16	-0.11	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.10	LC-UV, other	109	0.172	0.155	0.169	0.165	0.13	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.02	AOAC 2018.11,	174	0.1710	0.1670	0.1630	0.167	0.2	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.30	LC-MS, other	156	0.1518	0.1575	0.2017	0.17	0.36	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.10	LC-UV, other	172	0.17	0.17	0.17	0.17	0.34	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.10	LC-UV, other	179	0.19	0.19	0.2	0.193	1.44	0.1626	12	0.0214	0
1	Δ9-THC (%DW)	501.99	Other	172	0.21	0.19	0.21	0.203	1.9	0.1626	12	0.0214	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
HM19NOV-2													
2	Δ9-THC (%DW)	501.01	AOAC 2018.10	175	<0.0021	<0.0021	<0.0021	<0.0021					1
2	Δ9-THC (%DW)	501.99	Other	131	<0.04	<0.04	<0.04	<0.04					1
2	Δ9-THC (%DW)	501.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
2	Δ9-THC (%DW)	501.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	Δ9-THC (%DW)	501.10	LC-UV, other	172	0.03	0.03	0.03	0.03	-1.11	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.99	Other	120	0.0292	0.0312	0.0326	0.031	-0.85	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.30	LC-MS, other	105	0.0293	0.0329	0.0335	0.0319	-0.62	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.30	LC-MS, other	156	0.0310	0.0306	0.0344	0.032	-0.59	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.02	AOAC 2018.11,	174	0.0330	0.0350	0.0320	0.0333	-0.25	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.10	LC-UV, other	179	0.04	0.04	0.03	0.0367	0.6	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.01	AOAC 2018.10	108	0.0418	0.0346	0.0348	0.0371	0.71	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.99	Other	172	0.03	0.03	0.05	0.0367	0.6	0.0343	9	0.0039	0
2	Δ9-THC (%DW)	501.10	LC-UV, other	109	0.038	0.038	0.046	0.0407	1.63	0.0343	9	0.0039	0

Δ9-THCA (%DW)

HM19NOV-1

1	Δ9-THCA (%DW)	502.01	AOAC 2018.10	175	0.0794	0.0789	0.0772	0.0785	-1.85	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.10	LC-UV, other	127	0.1444	0.0724	0.0683	0.095	-1.47	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.10	LC-UV, other	179	0.12	0.12	0.12	0.12	-0.89	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.30	LC-MS, other	105	0.1340	0.1290	0.1410	0.135	-0.56	0.1588	13	0.0434	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Δ9-THCA (%DW)	502.10	LC-UV, other	176	0.1448	0.1462	0.1483	0.146	-0.28	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.01	AOAC 2018.10	108	0.1758	0.1647	0.1543	0.165	0.14	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.10	LC-UV, other	172	0.16	0.17	0.17	0.167	0.18	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.02	AOAC 2018.11,	174	0.1740	0.1790	0.1780	0.177	0.42	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.99	Other	131	0.17	0.2	0.17	0.18	0.49	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.30	LC-MS, other	156	0.1818	0.1609	0.2017	0.181	0.52	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.99	Other	120	0.1904	0.1860	0.1969	0.191	0.74	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.10	LC-UV, other	109	0.198	0.201	0.211	0.203	1.03	0.1588	13	0.0434	0
1	Δ9-THCA (%DW)	502.99	Other	172	0.2	0.2	0.23	0.21	1.18	0.1588	13	0.0434	0

HM19NOV-2

2	Δ9-THCA (%DW)	502.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
2	Δ9-THCA (%DW)	502.99	Other	131	<0.06	<0.06	<0.06	<0.06					1
2	Δ9-THCA (%DW)	502.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	Δ9-THCA (%DW)	502.10	LC-UV, other	179	0	0	0	0					2
2	Δ9-THCA (%DW)	502.01	AOAC 2018.10	175	0.0253	0.0246	0.0239	0.0246	-1.35	0.039	9	0.0107	0
2	Δ9-THCA (%DW)	502.30	LC-MS, other	105	0.0251	0.0281	0.0320	0.0284	-0.99	0.039	9	0.0107	0
2	Δ9-THCA (%DW)	502.10	LC-UV, other	172	0.03	0.03	0.03	0.03	-0.84	0.039	9	0.0107	0
2	Δ9-THCA (%DW)	502.99	Other	172	0.03	0.05	0.04	0.04	0.1	0.039	9	0.0107	0
2	Δ9-THCA (%DW)	502.99	Other	120	0.0405	0.0395	0.0412	0.0404	0.13	0.039	9	0.0107	0
2	Δ9-THCA (%DW)	502.30	LC-MS, other	156	0.0425	0.0357	0.0482	0.0421	0.3	0.039	9	0.0107	0
2	Δ9-THCA (%DW)	502.02	AOAC 2018.11,	174	0.0430	0.0540	0.0410	0.046	0.66	0.039	9	0.0107	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Δ9-THCA (%DW)	502.10	LC-UV, other	109	0.045	0.047	0.047	0.0463	0.69	0.039	9	0.0107	0
2	Δ9-THCA (%DW)	502.01	AOAC 2018.10	108	0.0480	0.0488	0.0619	0.0529	1.3	0.039	9	0.0107	0

CBD (%DW)

HM19NOV-1

1	CBD (%DW)	503.01	AOAC 2018.10	175	0.0108	0.013	0.0114	0.0117	-6.59	1.6896	12	0.2545	0
1	CBD (%DW)	503.10	LC-UV, other	176	1.4232	1.5253	1.4771	1.48	-0.84	1.6896	12	0.2545	0
1	CBD (%DW)	503.30	LC-MS, other	105	1.4800	1.5000	1.5100	1.5	-0.76	1.6896	12	0.2545	0
1	CBD (%DW)	503.01	AOAC 2018.10	108	1.526	1.512	1.578	1.54	-0.59	1.6896	12	0.2545	0
1	CBD (%DW)	503.02	AOAC 2018.11,	174	1.6700	1.6740	1.6790	1.67	-0.06	1.6896	12	0.2545	0
1	CBD (%DW)	503.99	Other	131	1.63	1.64	1.74	1.67	-0.08	1.6896	12	0.2545	0
1	CBD (%DW)	503.99	Other	172	1.77	1.74	1.69	1.73	0.17	1.6896	12	0.2545	0
1	CBD (%DW)	503.30	LC-MS, other	156	1.6519	1.5849	1.9821	1.74	0.2	1.6896	12	0.2545	0
1	CBD (%DW)	503.10	LC-UV, other	109	1.755	1.754	1.717	1.74	0.21	1.6896	12	0.2545	0
1	CBD (%DW)	503.10	LC-UV, other	172	1.75	1.77	1.75	1.76	0.26	1.6896	12	0.2545	0
1	CBD (%DW)	503.10	LC-UV, other	179	2.06	2.07	2.08	2.07	1.49	1.6896	12	0.2545	0
1	CBD (%DW)	503.10	LC-UV, other	127	2.2593	2.3010	2.2402	2.27	2.27	1.6896	12	0.2545	0

HM19NOV-2

2	CBD (%DW)	503.01	AOAC 2018.10	175	0.0071	0.0064	0.0079	0.0071	-11.52	0.4552	12	0.0389	0
2	CBD (%DW)	503.10	LC-UV, other	176	0.3798	0.4145	0.3894	0.395	-1.56	0.4552	12	0.0389	0
2	CBD (%DW)	503.30	LC-MS, other	105	0.4230	0.4240	0.4130	0.42	-0.91	0.4552	12	0.0389	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBD (%DW)	503.10	LC-UV, other	127	0.4183	0.5093	0.4387	0.455	0.01	0.4552	12	0.0389	0
2	CBD (%DW)	503.30	LC-MS, other	156	0.4621	0.4572	0.4454	0.455	-0.01	0.4552	12	0.0389	0
2	CBD (%DW)	503.02	AOAC 2018.11,	174	0.4680	0.4570	0.4570	0.461	0.14	0.4552	12	0.0389	0
2	CBD (%DW)	503.99	Other	172	0.48	0.47	0.45	0.467	0.29	0.4552	12	0.0389	0
2	CBD (%DW)	503.99	Other	131	0.46	0.46	0.49	0.47	0.38	0.4552	12	0.0389	0
2	CBD (%DW)	503.10	LC-UV, other	172	0.48	0.47	0.46	0.47	0.38	0.4552	12	0.0389	0
2	CBD (%DW)	503.01	AOAC 2018.10	108	0.5110	0.4507	0.4502	0.471	0.4	0.4552	12	0.0389	0
2	CBD (%DW)	503.10	LC-UV, other	179	0.5	0.5	0.5	0.5	1.15	0.4552	12	0.0389	0
2	CBD (%DW)	503.10	LC-UV, other	109	0.486	0.496	0.52	0.501	1.17	0.4552	12	0.0389	0

CBDA (%DW)

HM19NOV-1

1	CBDA (%DW)	504.01	AOAC 2018.10	175	3.6209	3.6347	3.5352	3.6	-3.17	5.403	12	0.5704	0
1	CBDA (%DW)	504.10	LC-UV, other	127	3.5773	3.9276	3.6100	3.7	-2.98	5.403	12	0.5704	0
1	CBDA (%DW)	504.30	LC-MS, other	105	5.3200	4.5700	5.3400	5.08	-0.57	5.403	12	0.5704	0
1	CBDA (%DW)	504.10	LC-UV, other	179	5.26	5.27	5.29	5.27	-0.23	5.403	12	0.5704	0
1	CBDA (%DW)	504.01	AOAC 2018.10	108	5.313	5.202	5.324	5.28	-0.22	5.403	12	0.5704	0
1	CBDA (%DW)	504.99	Other	131	5.34	5.34	5.57	5.42	0.02	5.403	12	0.5704	0
1	CBDA (%DW)	504.10	LC-UV, other	172	5.55	5.66	5.58	5.6	0.34	5.403	12	0.5704	0
1	CBDA (%DW)	504.10	LC-UV, other	176	5.5708	5.7311	5.5101	5.6	0.35	5.403	12	0.5704	0
1	CBDA (%DW)	504.02	AOAC 2018.11,	174	5.5690	5.6580	5.6310	5.62	0.38	5.403	12	0.5704	0
1	CBDA (%DW)	504.99	Other	172	5.76	5.81	5.72	5.76	0.63	5.403	12	0.5704	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBDA (%DW)	504.30	LC-MS, other	156	5.6670	5.7289	6.1569	5.85	0.79	5.403	12	0.5704	0
1	CBDA (%DW)	504.10	LC-UV, other	109	6.523	6.517	6.304	6.45	1.83	5.403	12	0.5704	0

HM19NOV-2

2	CBDA (%DW)	504.10	LC-UV, other	127	0.9729	1.1449	1.0062	1.04	-1.8	1.4152	12	0.2074	0
2	CBDA (%DW)	504.01	AOAC 2018.10	175	1.0843	1.105	1.0771	1.09	-1.57	1.4152	12	0.2074	0
2	CBDA (%DW)	504.30	LC-MS, other	105	1.2400	1.3400	1.1800	1.25	-0.78	1.4152	12	0.2074	0
2	CBDA (%DW)	504.10	LC-UV, other	179	1.37	1.38	1.38	1.38	-0.19	1.4152	12	0.2074	0
2	CBDA (%DW)	504.01	AOAC 2018.10	108	1.415	1.392	1.401	1.4	-0.06	1.4152	12	0.2074	0
2	CBDA (%DW)	504.10	LC-UV, other	172	1.46	1.45	1.44	1.45	0.17	1.4152	12	0.2074	0
2	CBDA (%DW)	504.30	LC-MS, other	156	1.5218	1.5332	1.3929	1.48	0.33	1.4152	12	0.2074	0
2	CBDA (%DW)	504.99	Other	131	1.47	1.47	1.54	1.49	0.38	1.4152	12	0.2074	0
2	CBDA (%DW)	504.02	AOAC 2018.11,	174	1.5300	1.5030	1.5310	1.52	0.51	1.4152	12	0.2074	0
2	CBDA (%DW)	504.99	Other	172	1.55	1.57	1.47	1.53	0.55	1.4152	12	0.2074	0
2	CBDA (%DW)	504.10	LC-UV, other	176	1.5329	1.6122	1.4647	1.54	0.59	1.4152	12	0.2074	0
2	CBDA (%DW)	504.10	LC-UV, other	109	1.796	1.852	1.896	1.85	2.09	1.4152	12	0.2074	0

CBN (%DW)

HM19NOV-1

1	CBN (%DW)	505.01	AOAC 2018.10	175	<0.0022	<0.0022	<0.0022	<0.0022					1
1	CBN (%DW)	505.20	LC-MS, other	156	<0.01	<0.01	<0.01	<0.01					1
1	CBN (%DW)	505.20	LC-MS, other	105	<0.0144	<0.0144	<0.0144	<0.0144					1

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	CBN (%DW)	505.99	Other	131	<0.03	<0.03	<0.03	<0.03					1
1	CBN (%DW)	505.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
1	CBN (%DW)	505.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
1	CBN (%DW)	505.40	GC-MS	127	<0.1500	<0.1500	<0.1500	<0.1500					1
1	CBN (%DW)	505.10	LC-UV, other	179	0	0	0	0					2
1	CBN (%DW)	505.10	LC-UV, other	172	0	0	0	0					2
1	CBN (%DW)	505.99	Other	172	0	0	0	0					2
1	CBN (%DW)	505.30	GC-FID	138	0.0171	0.0245	0.0135	0.0184					0
1	CBN (%DW)	505.02	AOAC 2018.11,	174	0.0250	0.0230	<0.0100	0.0193					0
1	CBN (%DW)	505.10	LC-UV, other	109	0.023	0.023	0.026	0.024					0

HM19NOV-2

2	CBN (%DW)	505.20	LC-MS, other	156	<0.01	<0.01	<0.01	<0.01					1
2	CBN (%DW)	505.02	AOAC 2018.11,	174	<0.0100	<0.0100	<0.0100	<0.0100					1
2	CBN (%DW)	505.20	LC-MS, other	105	<0.0144	<0.0144	<0.0144	<0.0144					1
2	CBN (%DW)	505.99	Other	131	<0.03	<0.03	<0.03	<0.03					1
2	CBN (%DW)	505.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
2	CBN (%DW)	505.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	CBN (%DW)	505.40	GC-MS	127	<0.1500	<0.1500	<0.1500	<0.1500					1
2	CBN (%DW)	505.10	LC-UV, other	179	0	0	0	0					2
2	CBN (%DW)	505.10	LC-UV, other	172	0	0	0	0					2
2	CBN (%DW)	505.99	Other	172	0	0	0	0					2

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	CBN (%DW)	505.10	LC-UV, other	109	0	0	0	0					2
2	CBN (%DW)	505.01	AOAC 2018.10	175	0.0028	0.0029	0.004	0.0032					0
2	CBN (%DW)	505.30	GC-FID	138	0.0113	0.0183	0.0078	0.0125					0

Total Δ9-THC (%DW)

HM19NOV-1

1	Total Δ9-THC (%DW)	506.01	AOAC 2018.10	175	0.0697	0.0692	0.0677	0.0689	-4.91	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.10	LC-UV, other	127	0.1980	0.2146	0.2219	0.212	-1.87	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.50	GC-MS	127	0.2460	0.2621	0.2605	0.256	-0.92	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.30	LC-MS, other	105	0.2470	0.2450	0.2890	0.26	-0.83	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.10	LC-UV, other	176	0.2650	0.2756	0.2869	0.276	-0.5	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.10	LC-UV, other	179	0.3	0.3	0.3	0.3	0.01	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.10	LC-UV, other	172	0.3	0.31	0.3	0.303	0.08	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.01	AOAC 2018.10	108	0.3156	0.3031	0.2958	0.305	0.11	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.99	Other	131	0.31	0.33	0.31	0.317	0.36	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	174	0.3236	0.3240	0.3191	0.322	0.48	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.99	Other	120	0.3180	0.3194	0.3275	0.322	0.47	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.30	LC-MS, other	156	0.3112	0.2986	0.3786	0.329	0.64	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.40	GC-FID	138	0.328	0.3428	0.3221	0.331	0.67	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.10	LC-UV, other	109	0.346	0.331	0.354	0.344	0.94	0.2996	15	0.047	0
1	Total Δ9-THC (%DW)	506.99	Other	172	0.39	0.37	0.41	0.39	1.92	0.2996	15	0.047	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
HM19NOV-2													
2	Total Δ9-THC (%DW)	506.99	Other	131	<0.03	<0.03	<0.03	<0.03					1
2	Total Δ9-THC (%DW)	506.10	LC-UV, other	127	<0.0500	<0.0500	<0.0500	<0.0500					1
2	Total Δ9-THC (%DW)	506.10	LC-UV, other	176	<0.1000	<0.1000	<0.1000	<0.1000					1
2	Total Δ9-THC (%DW)	506.50	GC-MS	127	<0.1500	<0.1500	<0.1500	<0.1500					1
2	Total Δ9-THC (%DW)	506.01	AOAC 2018.10	175	0.0222	0.0215	0.0209	0.0215	-2.6	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.10	LC-UV, other	179	0.04	0.04	0.03	0.0367	-1.75	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.30	LC-MS, other	105	0.0513	0.0575	0.0616	0.0568	-0.63	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.99	Other	120	0.0647	0.0658	0.0687	0.0664	-0.1	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.30	LC-MS, other	156	0.0683	0.0619	0.0766	0.0689	0.04	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.10	LC-UV, other	172	0.07	0.07	0.07	0.07	0.1	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.02	AOAC 2018.11,	174	0.0707	0.0824	0.0679	0.0737	0.31	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.40	GC-FID	138	0.0754	0.0871	0.0783	0.0803	0.68	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.10	LC-UV, other	109	0.077	0.079	0.087	0.081	0.72	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.01	AOAC 2018.10	108	0.0839	0.0774	0.0891	0.0835	0.85	0.0682	11	0.0179	0
2	Total Δ9-THC (%DW)	506.99	Other	172	0.07	0.09	0.1	0.0867	1.03	0.0682	11	0.0179	0

Total CBD (%DW)

HM19NOV-1

1	Total CBD (%DW)	507.01	AOAC 2018.10	175	3.1863	3.2006	3.1119	3.17	-3.96	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.50	GC-MS	127	4.5227	5.2297	5.1828	4.98	-1.72	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.10	LC-UV, other	127	5.3965	5.7456	5.4061	5.52	-1.05	6.3661	14	0.8074	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
1	Total CBD (%DW)	507.30	LC-MS, other	105	6.1500	5.5100	6.1900	5.95	-0.52	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.01	AOAC 2018.10	108	6.185	6.074	6.247	6.17	-0.24	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.10	LC-UV, other	176	6.3088	6.5515	6.3095	6.39	0.03	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.99	Other	131	6.32	6.32	6.62	6.42	0.07	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.02	AOAC 2018.11,	174	6.5540	6.6361	6.6174	6.6	0.29	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.10	LC-UV, other	172	6.62	6.74	6.64	6.67	0.37	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.10	LC-UV, other	179	6.67	6.7	6.71	6.69	0.41	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.99	Other	172	6.83	6.83	6.71	6.79	0.53	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.30	LC-MS, other	156	6.6218	6.6087	7.3817	6.87	0.63	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.40	GC-FID	138	7.2134	7.532	7.3053	7.35	1.22	6.3661	14	0.8074	0
1	Total CBD (%DW)	507.10	LC-UV, other	109	7.475	7.47	7.246	7.4	1.28	6.3661	14	0.8074	0

HM19NOV-2

2	Total CBD (%DW)	507.01	AOAC 2018.10	175	0.9581	0.9754	0.9525	0.962	-3.36	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.10	LC-UV, other	127	1.2715	1.5133	1.3211	1.37	-1.54	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.30	LC-MS, other	105	1.5100	1.6000	1.4500	1.52	-0.86	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.01	AOAC 2018.10	108	1.646	1.626	1.645	1.64	-0.32	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.50	GC-MS	127	1.6210	1.6684	1.6519	1.65	-0.28	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.10	LC-UV, other	179	1.69	1.71	1.71	1.7	-0.03	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.10	LC-UV, other	172	1.75	1.73	1.72	1.73	0.1	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.10	LC-UV, other	176	1.7241	1.8284	1.6740	1.74	0.14	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.30	LC-MS, other	156	1.7967	1.8018	1.6669	1.76	0.2	1.7103	14	0.2225	0

Sam Num	Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
										Rob Mean	n	Rob StDev	
2	Total CBD (%DW)	507.99	Other	131	1.75	1.75	1.84	1.78	0.31	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.02	AOAC 2018.11,	174	1.8098	1.7751	1.7997	1.79	0.38	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.99	Other	172	1.85	1.85	1.74	1.81	0.46	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.40	GC-FID	138	1.9578	2.0272	2.0707	2.02	1.39	1.7103	14	0.2225	0
2	Total CBD (%DW)	507.10	LC-UV, other	109	2.061	2.12	2.183	2.12	1.85	1.7103	14	0.2225	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.