

Hemp Proficiency Testing

Summary All Labs Trueness



Samples: HM19SEP

All Labs Trueness

Issue Date: 10/19/2019

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)								
HM19SEP-1													
1	Δ9-THC (%AR)	001.99	Other	148	0	0	0	0					2
1	Δ9-THC (%AR)	001.10	LC-UV, other	150	.1317	.1550	.1625	0.15	-3.43	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.1627	0.1663	0.1672	0.165	-2.88	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	163	0.2733	0.1261		0.2	-1.69	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	127	0.2075	0.2186	0.2110	0.212	-1.25	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	155	0.218	0.239	0.195	0.217	-1.07	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.2180	0.2239	0.2262	0.223	-0.88	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	141	0.2462	0.2187	0.2092	0.225	-0.81	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	161	0.2260	0.2259	0.2286	0.227	-0.74	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	164	0.2408	0.2159	0.2268	0.228	-0.71	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	122	0.2117	0.237	0.2442	0.231	-0.6	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	125	0.2321	0.2278	0.2348	0.232	-0.57	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	124	0.2367	0.2254	0.2342	0.232	-0.56	0.248	41	0.0286	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	129	0.2297	0.2430	0.2250	0.233	-0.54	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	149	0.2241	0.2354	0.2475	0.236	-0.43	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	102	0.2459	0.2283		0.237	-0.38	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	145	0.2426	0.2330	0.2392	0.238	-0.34	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	137	0.2450	0.2360	0.2398	0.24	-0.27	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	146	0.2454	0.2405	0.2367	0.241	-0.25	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	118	0.231	0.231	0.262	0.241	-0.23	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	149	0.2425	0.2422	0.2433	0.243	-0.19	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	154	0.258	0.238	0.236	0.244	-0.14	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	159	0.238	0.2458	0.2586	0.247	-0.02	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	142	0.2453	0.2486	0.2511	0.248	0.01	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	152	0.2497	0.2492	0.2479	0.249	0.03	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	101	0.2385	0.2523	0.2548	0.249	0.02	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	113	0.2486	0.2495	0.2512	0.25	0.06	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2489	0.2528	0.2573	0.253	0.17	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	139	0.256	0.2493	0.257	0.254	0.21	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	135	0.2521	0.2626	0.2507	0.255	0.25	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	162	0.2606	0.2540	0.2607	0.258	0.36	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	119	0.2646	0.2611	0.2867	0.271	0.79	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.01	AOAC 2018.10	160	0.26	0.29	0.28	0.277	1	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	106	0.2635	0.2751	0.2917	0.277	1	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.99	Other	173	0.3107	0.2588	0.2622	0.277	1.02	0.248	41	0.0286	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	109	0.3134	0.2643	0.2572	0.278	1.06	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.99	Other	132	0.267	0.261	0.322	0.283	1.23	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.02	AOAC 2018.11,	123	0.2810	0.2840	0.2880	0.284	1.27	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	116	0.2974	0.3107	0.2896	0.299	1.79	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	144	0.3172	0.3142	0.2656	0.299	1.78	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.10	LC-UV, other	136	0.3067	0.3133	0.2866	0.302	1.89	0.248	41	0.0286	0
1	Δ9-THC (%AR)	001.30	LC-MS, other	156	0.3333	0.3375	0.2837	0.318	2.45	0.248	41	0.0286	0

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2	Δ9-THC (%AR)	001.10	LC-UV, other	129	<0.0985	<0.0985	<0.0980	<0.0985					1
2	Δ9-THC (%AR)	001.99	Other	148	0	0	0	0					2
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	103	0.0589	0.0582	0.0547	0.0573	-3.29	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	150	.0617	.0500	.0850	0.0656	-2.77	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	127	.0888	.0850	0.0871	0.087	-1.43	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	160	0.08	0.1	0.08	0.0867	-1.45	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	124	.0893	0.0923	0.1042	0.0953	-0.91	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	155	0.105	0.09	0.097	0.0973	-0.78	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	162	0.0987	0.0987	0.0963	0.0979	-0.74	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	161	0.1030	0.0974	0.0965	0.099	-0.67	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	164	0.099	0.0984	0.0997	0.099	-0.67	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	122	0.0931	0.1138	0.0925	0.0998	-0.62	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	137	0.1014	0.1018	0.0995	0.101	-0.55	0.1097	40	0.016	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)	001.30	LC-MS, other	159	0.0968	0.1003	0.1086	0.102	-0.49	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	149	0.1073	0.0982	0.0997	0.102	-0.5	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	118	0.1	0.105	0.104	0.103	-0.42	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	125	0.1054	0.0991	0.1061	0.104	-0.39	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	149	0.1039	0.1033	0.1040	0.104	-0.38	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.1043	0.1039	0.1057	0.105	-0.32	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	141	0.1104	0.1086	0.0956	0.105	-0.3	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	142	0.1050	0.1034	0.1107	0.106	-0.21	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	135	0.1058	0.1086	0.1062	0.107	-0.18	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	102	0.1058	0.1095		0.108	-0.13	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	101	0.1081	0.1070	0.1075	0.108	-0.14	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	154	0.106	0.108	0.112	0.109	-0.07	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.1106	0.1134	0.1127	0.112	0.16	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	146	0.1111	0.1120	0.1141	0.112	0.17	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	113	0.1103	0.1196	0.1099	0.113	0.22	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	152	0.1117	0.1162	0.1126	0.113	0.24	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.99	Other	132	0.115	0.112	0.113	0.113	0.23	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	163	0.1261	0.1070		0.117	0.43	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	139	0.1149	0.1199	0.118	0.118	0.49	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	145	0.1206	0.1439	0.1009	0.122	0.76	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.99	Other	173	0.1411	0.1169	0.1109	0.123	0.83	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.02	AOAC 2018.11,	123	0.1290	0.1220	0.1220	0.124	0.92	0.1097	40	0.016	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	109	0.1653	0.0994	0.1177	0.127	1.11	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	156	0.1376	0.1362	0.1234	0.132	1.42	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	119	0.1379	0.1302	0.1281	0.132	1.4	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	116	0.1338	0.1278	0.1380	0.133	1.47	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	106	0.1396	0.1327	0.1324	0.135	1.58	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.30	LC-MS, other	144	0.1552	0.1381	0.1192	0.138	1.74	0.1097	40	0.016	0
2	Δ9-THC (%AR)	001.10	LC-UV, other	136	0.1867	0.1967	0.1800	0.188	4.89	0.1097	40	0.016	0

Δ9-THCA (%AR)

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1	Δ9-THCA (%AR)	002.99	Other	132	<0.01	<0.01	<0.01	<0.01					1
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	123	<0.0710	<0.0720	<0.0750	<0.0710					1
1	Δ9-THCA (%AR)	002.10	LC-UV, other	129	<0.0990	<0.0992	<0.0992	<0.0990					1
1	Δ9-THCA (%AR)	002.10	LC-UV, other	163	0	0		0					2
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.0160	0.0164	0.0156	0.016	-1.37	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	155	0.004	0.018	0.038	0.02	-1.13	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	124	0.0223	0.0194	0.0197	0.0205	-1.1	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	101	0.0167	0.0222	0.0234	0.0208	-1.08	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	154	0.027	0.021	0.017	0.0217	-1.03	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	142	0.0236	0.029	0.0207	0.0244	-0.86	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	162	0.0274	0.0258	0.0262	0.0265	-0.73	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	146	0.0276	0.0267	0.0233	0.0259	-0.77	0.0385	35	0.0164	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)	002.01	AOAC 2018.10	115	0.023	0.0275	0.026	0.0255	-0.79	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	149	0.0285	0.0271	0.0284	0.028	-0.64	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	149	0.033	0.0298	0.0318	0.0315	-0.42	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	141	0.0370	0.0340	0.0255	0.0322	-0.39	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	164	0.0337	0.0313	0.0324	0.0325	-0.37	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	119	0.0326	0.0316	0.0355	0.0332	-0.32	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	137	0.032	0.033	0.033	0.0327	-0.36	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	152	0.0397	0.0287	0.0322	0.0335	-0.3	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	139	0.0346	0.037	0.0339	0.0352	-0.2	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	118	0.03	0.033	0.042	0.035	-0.21	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	144	0.0296	0.0384	0.0374	0.0351	-0.21	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	122	0.0294	0.042	0.0331	0.0348	-0.22	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	159	0.0435	0.038	0.03	0.0372	-0.08	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	109	0.0345	0.0353	0.0407	0.0368	-0.1	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	135	0.0374	0.0394	0.0396	0.0388	0.02	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	160	0.05	0.04	0.04	0.0433	0.3	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	113	0.0444	0.0459	0.0451	0.0451	0.41	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	127	0.0479	0.0519	0.0492	0.0497	0.68	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	116	0.0463	0.0499	0.0562	0.0508	0.75	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	125	0.0574	0.0357	0.0589	0.0507	0.74	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.30	LC-MS, other	156	0.0482	0.0624	0.0440	0.0515	0.8	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.99	Other	173	0.0726	<0.0570	0.0723	0.0673	1.76	0.0385	35	0.0164	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	150	0.08	0.0725	0.07	0.0742	2.18	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	106	0.075	0.0748	0.0733	0.0744	2.19	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.0781	0.0848	0.0842	0.0824	2.68	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.10	LC-UV, other	136	0.1233	0.1	0.11	0.111	4.43	0.0385	35	0.0164	0
1	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	145	0.3273	0.3378	0.3753	0.347	18.81	0.0385	35	0.0164	0

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2	Δ9-THCA (%AR)	002.99	Other	132	<0.01	<0.01	<0.01	<0.01					1
2	Δ9-THCA (%AR)	002.99	Other	173	<0.0590	<0.0570	<0.0610	<0.0590					1
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	123	<0.0750	<0.0710	<0.0730	<0.0750					1
2	Δ9-THCA (%AR)	002.10	LC-UV, other	129	<0.0985	<0.0985	<0.098	<0.0985					1
2	Δ9-THCA (%AR)	002.10	LC-UV, other	163	0	0		0					2
2	Δ9-THCA (%AR)	002.10	LC-UV, other	124	0.0184	0.0171	0.0184	0.018	-1.39	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	142	0.0192	0.02	0.0175	0.0189	-1.33	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	155	0.017	0.015	0.028	0.02	-1.25	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	102	0.0248	0.024		0.0244	-0.96	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	154	0.023	0.027	0.026	0.0253	-0.9	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	103	0.0242	0.0281	0.0254	0.0259	-0.86	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	141	0.0241	0.0292	0.0244	0.0259	-0.86	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	146	0.0256	0.0265	0.0257	0.0259	-0.86	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	162	0.0293	0.0265	0.0262	0.0273	-0.77	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0289	0.0271	0.027	0.0277	-0.75	0.039	35	0.0152	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)	002.10	LC-UV, other	125	0.036	0.0209	0.0307	0.0292	-0.65	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	160	0.03	0.04	0.03	0.0333	-0.37	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	149	0.0347	0.0319	0.0335	0.0334	-0.37	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	152	0.0392	0.0261	0.0357	0.0337	-0.35	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	164	0.0364	0.0339	0.0376	0.036	-0.2	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	113	0.0341	0.0375	0.0359	0.0358	-0.21	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	149	0.0366	0.0365	0.0388	0.0373	-0.11	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	137	0.037	0.0393	0.0385	0.0383	-0.05	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	144	0.0354	0.041	0.0402	0.0389	-0.01	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	118	0.035	0.039	0.042	0.0387	-0.02	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	101	0.0398	0.0422	0.0395	0.0405	0.1	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	159	0.0461	0.0432	0.0337	0.041	0.13	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	139	0.0429	0.0398	0.0417	0.0415	0.16	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	109	0.0452	0.0399	0.0485	0.0445	0.37	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	135	0.0421	0.0449	0.0442	0.0437	0.31	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	122	0.0564	0.0418	0.0325	0.0436	0.3	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	119	0.0467	0.0435	0.0425	0.0442	0.35	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.30	LC-MS, other	156	0.0482	0.0596	0.0411	0.0496	0.7	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	127	0.0568	0.0507	0.0545	0.054	0.99	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	116	0.0554	0.0588	0.066	0.0601	1.39	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.0608	0.0618	0.0622	0.0616	1.49	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	150	0.0625	0.065	0.0675	0.065	1.72	0.039	35	0.0152	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)	002.10	LC-UV, other	106	0.0807	0.0801	0.07	0.0769	2.5	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.10	LC-UV, other	136	0.1233	0.0967	0.1133	0.111	4.76	0.039	35	0.0152	0
2	Δ9-THCA (%AR)	002.02	AOAC 2018.11,	145	0.1394	0.1337	0.1533	0.142	6.81	0.039	35	0.0152	0

CBD (%AR)

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1	CBD (%AR)	003.10	LC-UV, other	124	3.2362	3.1751	3.4070	3.27	-4.51	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	136	4.5766	4.3533	4.0366	4.32	-2.06	5.2061	38	0.4285	0
1	CBD (%AR)	003.02	AOAC 2018.11,	155	4.94	4.675	4.129	4.58	-1.46	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	154	4.871	4.504	4.444	4.61	-1.4	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	150	4.525	4.85	4.8	4.72	-1.12	5.2061	38	0.4285	0
1	CBD (%AR)	003.30	LC-MS, other	139	4.9479	4.7156	4.7861	4.82	-0.91	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	161	4.8687	4.7694	4.8783	4.84	-0.86	5.2061	38	0.4285	0
1	CBD (%AR)	003.01	AOAC 2018.10	168	4.8038	4.8662	4.885	4.85	-0.83	5.2061	38	0.4285	0
1	CBD (%AR)	003.30	LC-MS, other	149	4.8142	5.0261	4.799	4.88	-0.76	5.2061	38	0.4285	0
1	CBD (%AR)	003.02	AOAC 2018.11,	118	4.975	4.974	4.747	4.9	-0.72	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	101	4.9542	4.6468	5.2427	4.95	-0.6	5.2061	38	0.4285	0
1	CBD (%AR)	003.30	LC-MS, other	144	4.3372	5.522	5.2279	5.03	-0.41	5.2061	38	0.4285	0
1	CBD (%AR)	003.99	Other	132	4.708	4.625	5.767	5.03	-0.4	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	149	5.0446	4.9989	5.0956	5.05	-0.37	5.2061	38	0.4285	0
1	CBD (%AR)	003.02	AOAC 2018.11,	146	5.0572	5.0751	5.064	5.07	-0.33	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	141	5.2118	5.0047	5.0415	5.09	-0.28	5.2061	38	0.4285	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	135	5.1918	5.1566	5.081	5.14	-0.15	5.2061	38	0.4285	0
1	CBD (%AR)	003.02	AOAC 2018.11,	137	5.2894	5.0955	5.1649	5.18	-0.05	5.2061	38	0.4285	0
1	CBD (%AR)	003.01	AOAC 2018.10	115	4.9052	5.4523	n/a	5.18	-0.06	5.2061	38	0.4285	0
1	CBD (%AR)	003.02	AOAC 2018.11,	145	5.2575	5.105	5.3759	5.25	0.09	5.2061	38	0.4285	0
1	CBD (%AR)	003.99	Other	173	5.2413	5.0856	5.4659	5.26	0.14	5.2061	38	0.4285	0
1	CBD (%AR)	003.30	LC-MS, other	159	5.116	5.22	5.502	5.28	0.17	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	142	5.3707	5.1952	5.3662	5.31	0.24	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	109	5.3995	5.3232	5.2252	5.32	0.26	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	106	5.161	5.3658	5.4763	5.33	0.3	5.2061	38	0.4285	0
1	CBD (%AR)	003.01	AOAC 2018.10	162	5.2842	5.3033	5.4394	5.34	0.32	5.2061	38	0.4285	0
1	CBD (%AR)	003.02	AOAC 2018.11,	123	5.2920	5.4010	5.3510	5.35	0.33	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	125	5.2534	5.4379	5.629	5.44	0.55	5.2061	38	0.4285	0
1	CBD (%AR)	003.30	LC-MS, other	119	5.2497	5.8666	5.384	5.5	0.69	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	152	5.4939	5.4715	5.6143	5.53	0.75	5.2061	38	0.4285	0
1	CBD (%AR)	003.02	AOAC 2018.11,	113	5.5849	5.6477	5.5819	5.6	0.93	5.2061	38	0.4285	0
1	CBD (%AR)	003.30	LC-MS, other	122	5.1715	5.5798	6.0645	5.61	0.93	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	163	5.6277	5.6349		5.63	0.99	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	116	5.4785	6.0522	5.525	5.69	1.12	5.2061	38	0.4285	0
1	CBD (%AR)	003.01	AOAC 2018.10	160	6.08	5.9	5.46	5.81	1.42	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	127	5.7276	6.0535	5.8618	5.88	1.57	5.2061	38	0.4285	0
1	CBD (%AR)	003.30	LC-MS, other	156	6.0142	6.6241	5.9333	6.19	2.3	5.2061	38	0.4285	0
1	CBD (%AR)	003.10	LC-UV, other	129	7.0457	7.3299	7.0359	7.14	4.51	5.2061	38	0.4285	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	
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2	CBD (%AR)	003.10	LC-UV, other	136	1.3433	1.3467	1.19	1.29	-1.43	1.4844	38	0.1338	0
2	CBD (%AR)	003.99	Other	132	1.309	1.277	1.292	1.29	-1.43	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	154	1.23	1.306	1.354	1.3	-1.4	1.4844	38	0.1338	0
2	CBD (%AR)	003.02	AOAC 2018.11,	155	1.418	1.292	1.23	1.31	-1.28	1.4844	38	0.1338	0
2	CBD (%AR)	003.01	AOAC 2018.10	160	1.18	1.42	1.37	1.32	-1.2	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	124	1.2711	1.3209	1.4830	1.36	-0.94	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	101	1.3266	1.3339	1.4273	1.36	-0.91	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	150	1.3	1.425	1.4167	1.38	-0.78	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	141	1.4462	1.4115	1.3246	1.39	-0.67	1.4844	38	0.1338	0
2	CBD (%AR)	003.02	AOAC 2018.11,	118	1.406	1.421	1.339	1.39	-0.72	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	161	1.3818	1.3873	1.4588	1.41	-0.56	1.4844	38	0.1338	0
2	CBD (%AR)	003.01	AOAC 2018.10	168	1.4239	1.409	1.4249	1.42	-0.49	1.4844	38	0.1338	0
2	CBD (%AR)	003.30	LC-MS, other	139	1.4203	1.4237	1.4294	1.42	-0.45	1.4844	38	0.1338	0
2	CBD (%AR)	003.01	AOAC 2018.10	162	1.433	1.4899	1.3607	1.43	-0.42	1.4844	38	0.1338	0
2	CBD (%AR)	003.30	LC-MS, other	159	1.362	1.4076	1.5457	1.44	-0.34	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	149	1.4516	1.4341	1.437	1.44	-0.33	1.4844	38	0.1338	0
2	CBD (%AR)	003.02	AOAC 2018.11,	137	1.4515	1.4444	1.4162	1.44	-0.35	1.4844	38	0.1338	0
2	CBD (%AR)	003.30	LC-MS, other	149	1.4627	1.3895	1.4897	1.45	-0.28	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	135	1.4856	1.4819	1.4609	1.48	-0.06	1.4844	38	0.1338	0
2	CBD (%AR)	003.02	AOAC 2018.11,	146	1.4864	1.5024	1.4897	1.49	0.06	1.4844	38	0.1338	0
2	CBD (%AR)	003.30	LC-MS, other	144	1.4786	1.5736	1.4618	1.5	0.15	1.4844	38	0.1338	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)	003.10	LC-UV, other	142	1.5469	1.4858	1.5418	1.52	0.3	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	106	1.5	1.531	1.5264	1.52	0.26	1.4844	38	0.1338	0
2	CBD (%AR)	003.99	Other	173	1.5899	1.5147	1.4447	1.52	0.24	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	109	1.4659	1.4279	1.6865	1.53	0.32	1.4844	38	0.1338	0
2	CBD (%AR)	003.30	LC-MS, other	122	1.3605	1.7941	1.4792	1.54	0.45	1.4844	38	0.1338	0
2	CBD (%AR)	003.02	AOAC 2018.11,	145	1.54	1.5212	1.5612	1.54	0.42	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	152	1.5511	1.5277	1.5585	1.55	0.46	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	116	1.5559	1.5916	1.5819	1.58	0.69	1.4844	38	0.1338	0
2	CBD (%AR)	003.30	LC-MS, other	119	1.6395	1.5907	1.5463	1.59	0.81	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	125	1.5357	1.5685	1.6755	1.59	0.81	1.4844	38	0.1338	0
2	CBD (%AR)	003.02	AOAC 2018.11,	113	1.5872	1.6001	1.6267	1.6	0.9	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	163	1.6211	1.5834		1.6	0.88	1.4844	38	0.1338	0
2	CBD (%AR)	003.02	AOAC 2018.11,	123	1.737	1.632	1.605	1.66	1.3	1.4844	38	0.1338	0
2	CBD (%AR)	003.01	AOAC 2018.10	115	1.7515	1.5993	1.7555	1.7	1.63	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	127	1.7348	1.6572	1.7068	1.7	1.61	1.4844	38	0.1338	0
2	CBD (%AR)	003.30	LC-MS, other	156	1.8042	1.9858	1.7546	1.85	2.72	1.4844	38	0.1338	0
2	CBD (%AR)	003.10	LC-UV, other	129	1.9748	1.945	1.9461	1.96	3.52	1.4844	38	0.1338	0

CBDA (%AR)

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1	CBDA (%AR)	004.10	LC-UV, other	154	2.612	2.454	2.372	2.48	-2.44	3.5865	35	0.4536	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	155	2.638	2.484	2.787	2.64	-2.09	3.5865	35	0.4536	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)	004.99	Other	132	2.684	2.626	3.225	2.85	-1.63	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	136	3.1366	2.97	2.7833	2.96	-1.37	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	142	3.015	2.908	3.1129	3.01	-1.27	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	161	3.3538	3.1633	3.2046	3.24	-0.76	3.5865	35	0.4536	0
1	CBDA (%AR)	004.01	AOAC 2018.10	168	3.2769	3.2736	3.2901	3.28	-0.68	3.5865	35	0.4536	0
1	CBDA (%AR)	004.99	Other	173	3.2965	3.1904	3.4242	3.3	-0.62	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	101	3.4292	3.265	3.5483	3.41	-0.38	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	149	3.4179	3.3858	3.4729	3.43	-0.35	3.5865	35	0.4536	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	146	3.4715	3.4407	3.4051	3.44	-0.32	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	150	3.35	3.4333	3.5667	3.45	-0.3	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	125	3.3597	3.4638	3.5875	3.47	-0.26	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	152	3.5637	3.4483	3.3977	3.47	-0.26	3.5865	35	0.4536	0
1	CBDA (%AR)	004.30	LC-MS, other	119	3.313	3.7676	3.3575	3.48	-0.24	3.5865	35	0.4536	0
1	CBDA (%AR)	004.30	LC-MS, other	149	3.4219	3.4906	3.556	3.49	-0.21	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	135	3.5291	3.5282	3.4815	3.51	-0.16	3.5865	35	0.4536	0
1	CBDA (%AR)	004.30	LC-MS, other	139	3.5804	3.4979	3.5247	3.53	-0.11	3.5865	35	0.4536	0
1	CBDA (%AR)	004.30	LC-MS, other	122	3.2565	3.6891	3.7223	3.56	-0.07	3.5865	35	0.4536	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	137	3.6213	3.506	3.5449	3.56	-0.06	3.5865	35	0.4536	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	123	3.5330	3.6130	3.5780	3.57	-0.03	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	106	3.5136	3.627	3.7187	3.62	0.07	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	163	3.6299	3.6288		3.63	0.09	3.5865	35	0.4536	0
1	CBDA (%AR)	004.01	AOAC 2018.10	162	3.6954	3.6513	3.7431	3.7	0.24	3.5865	35	0.4536	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)	004.10	LC-UV, other	116	3.6296	4.0219	3.6588	3.77	0.4	3.5865	35	0.4536	0
1	CBDA (%AR)	004.30	LC-MS, other	144	3.5833	4.0756	3.8873	3.85	0.58	3.5865	35	0.4536	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	118	3.907	3.878	3.83	3.87	0.63	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	141	3.9124	3.8201	4.0725	3.93	0.77	3.5865	35	0.4536	0
1	CBDA (%AR)	004.02	AOAC 2018.11,	145	3.9740	3.9076	4.0326	3.97	0.85	3.5865	35	0.4536	0
1	CBDA (%AR)	004.01	AOAC 2018.10	160	4.27	3.95	3.88	4.03	0.99	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	109	4.1855	4.2288	4.1612	4.19	1.33	3.5865	35	0.4536	0
1	CBDA (%AR)	004.30	LC-MS, other	156	4.0397	4.7348	4.1447	4.31	1.59	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	129	4.3535	4.4912	4.3043	4.38	1.76	3.5865	35	0.4536	0
1	CBDA (%AR)	004.10	LC-UV, other	127	4.674	4.931	4.7192	4.77	2.62	3.5865	35	0.4536	0
1	CBDA (%AR)	004.30	LC-MS, other	159	5.223	4.637	4.633	4.83	2.74	3.5865	35	0.4536	0

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2	CBDA (%AR)	004.99	Other	132	1.24	1.194	1.169	1.2	-2.06	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	154	1.144	1.268	1.263	1.23	-1.96	1.7176	35	0.2511	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	155	1.33	1.199	1.414	1.31	-1.61	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	142	1.372	1.311	1.4084	1.36	-1.41	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	136	1.4667	1.4967	1.32	1.43	-1.15	1.7176	35	0.2511	0
2	CBDA (%AR)	004.99	Other	173	1.5814	1.5242	1.4249	1.51	-0.83	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	161	1.4971	1.5036	1.5835	1.53	-0.76	1.7176	35	0.2511	0
2	CBDA (%AR)	004.01	AOAC 2018.10	168	1.5628	1.5532	1.5675	1.56	-0.62	1.7176	35	0.2511	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	146	1.5908	1.5862	1.5671	1.58	-0.54	1.7176	35	0.2511	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)	004.01	AOAC 2018.10	162	1.6118	1.6603	1.5321	1.6	-0.46	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	125	1.6213	1.5528	1.6794	1.62	-0.4	1.7176	35	0.2511	0
2	CBDA (%AR)	004.01	AOAC 2018.10	160	1.59	1.71	1.58	1.63	-0.36	1.7176	35	0.2511	0
2	CBDA (%AR)	004.30	LC-MS, other	122	1.573	1.8122	1.5956	1.66	-0.23	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	101	1.6284	1.6113	1.7564	1.67	-0.21	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	150	1.6333	1.6833	1.7333	1.68	-0.14	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	152	1.7696	1.7155	1.5694	1.68	-0.13	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	135	1.7036	1.7069	1.698	1.7	-0.06	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	149	1.716	1.6864	1.7143	1.71	-0.05	1.7176	35	0.2511	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	137	1.7558	1.7545	1.7144	1.74	0.1	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	163	1.7707	1.7371		1.75	0.14	1.7176	35	0.2511	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	123	1.829	1.735	1.716	1.76	0.17	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	106	1.7423	1.7745	1.7839	1.77	0.2	1.7176	35	0.2511	0
2	CBDA (%AR)	004.30	LC-MS, other	139	1.7607	1.7771	1.8005	1.78	0.25	1.7176	35	0.2511	0
2	CBDA (%AR)	004.30	LC-MS, other	119	1.8331	1.7988	1.744	1.79	0.3	1.7176	35	0.2511	0
2	CBDA (%AR)	004.30	LC-MS, other	144	1.7823	1.8946	1.707	1.79	0.31	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	141	1.8119	1.7885	1.7984	1.8	0.33	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	116	1.7746	1.8063	1.8083	1.8	0.31	1.7176	35	0.2511	0
2	CBDA (%AR)	004.30	LC-MS, other	149	1.8228	1.7581	1.8382	1.81	0.35	1.7176	35	0.2511	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	118	1.925	1.918	1.876	1.91	0.75	1.7176	35	0.2511	0
2	CBDA (%AR)	004.02	AOAC 2018.11,	145	2.0566	1.9972	1.9637	2.01	1.15	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	129	2.1143	2.0782	2.0908	2.09	1.5	1.7176	35	0.2511	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	109	2.0632	1.9964	2.3704	2.14	1.7	1.7176	35	0.2511	0
2	CBDA (%AR)	004.30	LC-MS, other	156	2.0709	2.3872	2.0383	2.17	1.78	1.7176	35	0.2511	0
2	CBDA (%AR)	004.10	LC-UV, other	127	2.5165	2.3764	2.4356	2.44	2.89	1.7176	35	0.2511	0
2	CBDA (%AR)	004.30	LC-MS, other	159	2.755	2.449	2.33	2.51	3.16	1.7176	35	0.2511	0

CBN (%AR)

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1	CBN (%AR)	005.30	GC-FID	114	< 0.05	< 0.05	< 0.05	< 0.05					1
1	CBN (%AR)	005.99	Other	132	<0.01	<0.01	<0.01	<0.01					1
1	CBN (%AR)	005.02	AOAC 2018.11,	137	<0.0294	<0.0294	<0.0292	<0.0294					1
1	CBN (%AR)	005.01	AOAC 2018.10	162	<0.0500	<0.0500	<0.0500	<0.0500					1
1	CBN (%AR)	005.99	Other	173	<0.0570	<0.0570	<0.0590	<0.0570					1
1	CBN (%AR)	005.02	AOAC 2018.11,	123	<0.0710	<0.0720	<0.0750	<0.0710					1
1	CBN (%AR)	005.10	LC-UV, other	129	<0.0990	<0.0992	<0.0992	<0.0990					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	127	0.0218	0.0235	0.0231	0.0228	-1.3	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	149	0.0266	0.0266	0.0258	0.0263	-0.98	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	141	0.0267	0.0254	0.0312	0.0278	-0.85	0.0371	29	0.011	0
1	CBN (%AR)	005.20	LC-MS, other	149	0.0287	0.0271	0.0292	0.0283	-0.8	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	124	.0294	0.0283	.0304	0.0294	-0.7	0.0371	29	0.011	0
1	CBN (%AR)	005.20	LC-MS, other	122	0.0288	0.0321	0.0278	0.0296	-0.68	0.0371	29	0.011	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)	005.01	AOAC 2018.10	160	0.03	0.03	0.03	0.03	-0.65	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	125	0.0358	0.0178	0.0369	0.0302	-0.63	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	135	0.0303	0.0309	0.0308	0.0307	-0.58	0.0371	29	0.011	0
1	CBN (%AR)	005.20	LC-MS, other	159	0.0308	0.0271	0.0335	0.0305	-0.6	0.0371	29	0.011	0
1	CBN (%AR)	005.20	LC-MS, other	139	0.0322	0.0310	0.0296	0.0309	-0.56	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	142	0.0308	0.0303	0.0316	0.0309	-0.56	0.0371	29	0.011	0
1	CBN (%AR)	005.02	AOAC 2018.11,	155	0.034	0.032	0.028	0.0313	-0.52	0.0371	29	0.011	0
1	CBN (%AR)	005.02	AOAC 2018.11,	118	0.03	0.032	0.03	0.0307	-0.58	0.0371	29	0.011	0
1	CBN (%AR)	005.20	LC-MS, other	119	0.0313	0.0307	0.0337	0.0319	-0.47	0.0371	29	0.011	0
1	CBN (%AR)	005.02	AOAC 2018.11,	146	0.0340	0.0334	0.0342	0.0339	-0.29	0.0371	29	0.011	0
1	CBN (%AR)	005.01	AOAC 2018.10	168	0.0336	0.0344	0.0347	0.0342	-0.26	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	109	0.0362	0.0389	0.0333	0.0361	-0.09	0.0371	29	0.011	0
1	CBN (%AR)	005.20	LC-MS, other	156	0.0426	0.0440	0.0383	0.0416	0.41	0.0371	29	0.011	0
1	CBN (%AR)	005.01	AOAC 2018.10	115	0.0412	0.0416	0.0431	0.042	0.44	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	154	0.045	0.043	0.042	0.0433	0.57	0.0371	29	0.011	0
1	CBN (%AR)	005.20	LC-MS, other	144	0.0358	0.0498	0.0429	0.0428	0.52	0.0371	29	0.011	0
1	CBN (%AR)	005.30	GC-FID	138	0.0394	0.0396	0.0562	0.0451	0.72	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	116	0.0419	0.0506	0.0507	0.0477	0.97	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	106	0.0540	0.0550	0.0551	0.0547	1.6	0.0371	29	0.011	0
1	CBN (%AR)	005.30	GC-FID	116	0.0657	0.0527	0.0754	0.0646	2.5	0.0371	29	0.011	0
1	CBN (%AR)	005.30	GC-FID	143	0.0894	0.0992		0.0943	5.19	0.0371	29	0.011	0
1	CBN (%AR)	005.10	LC-UV, other	101	0.1724	0.1583	0.1866	0.172	12.29	0.0371	29	0.011	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)	005.10	LC-UV, other	136	0.2866	0.2833	.2700	0.28	22.06	0.0371	29	0.011	0

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2	CBN (%AR)	005.30	GC-FID	114	< 0.05	< 0.05	< 0.05	< 0.05					1
2	CBN (%AR)	005.20	LC-MS, other	149	<0.0025	<0.0025	<0.0025	<0.0025					1
2	CBN (%AR)	005.99	Other	132	<0.01	<0.01	<0.01	<0.01					1
2	CBN (%AR)	005.20	LC-MS, other	159	<0.0160	<0.0160	<0.0160	<0.0160					1
2	CBN (%AR)	005.01	AOAC 2018.10	168	<0.0250	<0.0250	<0.0250	<0.0250					1
2	CBN (%AR)	005.10	LC-UV, other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
2	CBN (%AR)	005.02	AOAC 2018.11,	137	<0.0296	<0.0292	<0.0291	<0.0296					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)	005.99	Other	173	<0.0590	<0.0570	<0.0610	<0.0590					1
2	CBN (%AR)	005.02	AOAC 2018.11,	123	<0.0750	<0.0710	<0.0730	<0.0750					1
2	CBN (%AR)	005.10	LC-UV, other	129	<0.0985	<0.0985	<0.0980	<0.0985					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)	005.20	LC-MS, other	122	0.0075	0.0066	0.0023	0.0055	-0.88	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	135	0.0062	0.0068	0.0074	0.0068	-0.74	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	124	0.0063	0.0063	0.0073	0.0066	-0.75	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	142	0.0056	0.0069	0.0082	0.0069	-0.73	0.0138	18	0.0096	0
2	CBN (%AR)	005.20	LC-MS, other	139	0.0082	0.0074	0.0075	0.0077	-0.64	0.0138	18	0.0096	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)	005.20	LC-MS, other	119	0.0088	0.0085	0.0083	0.0085	-0.56	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	109	0.0105	0.0067	0.0087	0.0086	-0.54	0.0138	18	0.0096	0
2	CBN (%AR)	005.20	LC-MS, other	156	0.0099	0.0099	0.0085	0.0094	-0.46	0.0138	18	0.0096	0
2	CBN (%AR)	005.02	AOAC 2018.11,	146	0.0101	0.0096	0.0097	0.0098	-0.42	0.0138	18	0.0096	0
2	CBN (%AR)	005.01	AOAC 2018.10	160	<.01	0.01	<.01	0.01					1
2	CBN (%AR)	005.02	AOAC 2018.11,	155	0.011	0.013	0.007	0.0103	-0.37	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	125	0.0098	0.0093	0.0109	0.01	-0.4	0.0138	18	0.0096	0
2	CBN (%AR)	005.20	LC-MS, other	144	0.0097	0.0125	0.0114	0.0112	-0.28	0.0138	18	0.0096	0
2	CBN (%AR)	005.02	AOAC 2018.11,	118	<0.01	<0.01	0.013	0.011					1
2	CBN (%AR)	005.10	LC-UV, other	141	<0.0120	<0.0120	0.0127	0.0122					1
2	CBN (%AR)	005.30	GC-FID	138	0.0131	0.0138	0.0186	0.0152	0.14	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	154	0.025	0.024	0.024	0.0243	1.1	0.0138	18	0.0096	0
2	CBN (%AR)	005.01	AOAC 2018.10	115	0.0236	0.0243	0.0232	0.0237	1.03	0.0138	18	0.0096	0
2	CBN (%AR)	005.30	GC-FID	143	0.0319	0.0284		0.0302	1.71	0.0138	18	0.0096	0
2	CBN (%AR)	005.30	GC-FID	116	<0.0300	<0.0300	0.0419	0.034					1
2	CBN (%AR)	005.10	LC-UV, other	101	0.0594	0.0593	0.0675	0.0621	5.04	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	136	0.2700	0.2600	0.2533	0.261	25.86	0.0138	18	0.0096	0
2	CBN (%AR)	005.10	LC-UV, other	116	ND	ND	ND	ND					1

Total Δ9-THC (%AR)

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1	Total Δ9-THC (%AR)	006.40	GC-FID	143	0.1553	0.1658		0.161	-2.87	0.2869	52	0.044	0
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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,	103	0.1767	0.1807	0.1807	0.179	-2.44	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	150	.2018	.2186	.2239	0.215	-1.64	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	161	0.2260	0.2259	0.2286	0.227	-1.37	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	129	0.2297	0.2430	0.2250	0.233	-1.24	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	155	0.2213	0.2553	0.2287	0.235	-1.18	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	124	0.2563	0.2424	0.2515	0.25	-0.84	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	141	0.2787	0.2486	0.2315	0.253	-0.77	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2546	0.2489	0.2555	0.253	-0.77	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	127	0.2495	0.2641	0.2541	0.256	-0.71	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	164	0.2704	0.2434	0.2552	0.256	-0.7	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	101	0.2524	0.2580	0.2728	0.261	-0.59	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	122	0.2375	0.2739	0.2732	0.262	-0.58	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	149	0.2530	0.2615	0.2753	0.263	-0.54	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	154	0.2817	0.2564	0.2509	0.263	-0.54	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	146	0.2696	0.2639	0.2571	0.264	-0.53	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	149	0.2674	0.2659	0.2682	0.267	-0.45	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	137	0.273	0.265	0.269	0.269	-0.41	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	142	0.2660	0.2740	0.2692	0.27	-0.39	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.99	Other	107	0.2720	0.2630	0.2770	0.271	-0.37	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	118	0.257	0.259	0.299	0.272	-0.35	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	112	0.2789	0.2753	0.2719	0.275	-0.26	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2691	0.2769	0.2800	0.275	-0.26	0.2869	52	0.044	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	125	0.2825	0.2592	0.2864	0.276	-0.25	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2733	0.2688	.2892	0.277	-0.22	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	152	0.2840	0.2744	0.2762	0.278	-0.2	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	159	0.2761	0.2791	0.2849	0.28	-0.16	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	162	0.2846	0.2766	0.2836	0.282	-0.12	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.99	Other	132	0.267	0.261	0.322	0.283	-0.08	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2909	0.2777	0.2847	0.284	-0.06	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	123	0.2810	0.2840	0.2880	0.284	-0.06	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	139	0.2863	0.2817	0.2867	0.285	-0.05	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	135	0.2849	0.2971	0.2854	0.289	0.05	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2895	0.2939		0.292	0.11	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	169	0.3104	0.2951	0.2795	0.295	0.18	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.2865	0.2983	0.3000	0.295	0.18	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	119	0.2932	0.2889	0.3179	0.3	0.3	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	109	0.344	0.295	0.293	0.311	0.54	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	160	.3039	.3251	.3151	0.315	0.63	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	121	0.3107	0.3226	0.3274	0.32	0.76	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	144	0.3432	0.3479	0.2984	0.33	0.97	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.99	Other	173	0.3744	0.2990	0.3256	0.333	1.05	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3274	0.3525	0.3271	0.336	1.11	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.50	GC-MS	151	0.3572	0.3053	0.3611	0.341	1.23	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	106	0.329	0.341	0.3560	0.342	1.25	0.2869	52	0.044	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	116	0.3380	0.3544	0.3389	0.344	1.29	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.50	GC-MS	127	0.3361	0.3548	0.3551	0.349	1.4	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	163	0.3856	0.3175		0.352	1.47	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.30	LC-MS, other	156	0.3756	0.3923	0.3223	0.363	1.74	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.10	LC-UV, other	136	0.4148	0.4010	0.3830	0.4	2.56	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.40	GC-FID	128	.3960	.4003	.4080	0.401	2.6	0.2869	52	0.044	0
1	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	145	0.5297	0.5293	0.5684	0.542	5.81	0.2869	52	0.044	0

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2	Total Δ9-THC (%AR)	006.10	LC-UV, other	129	<0.0985	<0.0985	<0.0980	<0.0985					1
2	Total Δ9-THC (%AR)	006.40	GC-FID	143	0.0707	0.0645		0.0676	-2.79	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	103	0.0801	0.0828	0.0770	0.08	-2.33	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	161	0.1030	0.0974	0.0965	0.099	-1.64	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	124	0.1054	0.1073	0.1203	0.111	-1.2	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.99	Other	132	0.115	0.112	0.113	0.113	-1.11	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	155	0.1192	0.1027	0.1215	0.114	-1.07	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	160	.1063	.1351	.1063	0.116	-1.02	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	162	0.1243	0.1220	0.1193	0.122	-0.8	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	150	.1165	.1070	.1442	0.123	-0.77	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	142	0.1218	0.1209	0.1260	0.123	-0.76	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	123	0.1290	0.1220	0.1220	0.124	-0.71	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	141	0.1315	0.1342	0.1170	0.128	-0.59	0.1437	52	0.0273	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	125	0.1370	0.1174	0.1329	0.129	-0.53	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	102	0.1275	0.1305		0.129	-0.54	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.99	Other	107	0.1240	0.1250	0.1380	0.129	-0.54	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	164	0.1309	0.1281	0.1327	0.131	-0.48	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	154	0.1262	0.1317	0.1348	0.131	-0.47	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1292	0.1276	0.1352	0.131	-0.48	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	149	0.1343	0.1313	0.1334	0.133	-0.39	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1389	0.1412	0.1189	0.133	-0.39	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	137	0.133	0.136	0.133	0.134	-0.36	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	149	0.1394	0.1302	0.1337	0.134	-0.34	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	127	0.1386	0.1295	0.1349	0.134	-0.34	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	146	0.1336	0.1352	0.1366	0.135	-0.31	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	170	0.1347	0.1295	0.1448	0.136	-0.27	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	118	0.131	0.139	0.141	0.137	-0.25	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.1360	0.1372	0.1364	0.137	-0.26	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	159	0.1372	0.1381	0.1381	0.138	-0.22	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	122	0.1425	0.1505	0.1210	0.138	-0.21	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1405	0.1411		0.141	-0.11	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	112	0.1401	0.1380	0.1515	0.143	-0.02	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	152	0.1465	0.1391	0.1439	0.143	-0.02	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	135	0.1428	0.1480	0.1449	0.145	0.06	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	101	0.1430	0.1482	0.1489	0.147	0.11	0.1437	52	0.0273	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)	006.30	LC-MS, other	139	0.1524	0.1548	0.1545	0.154	0.37	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1668	0.1590	0.1479	0.158	0.52	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.1576	0.1581	0.1602	0.159	0.55	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1671	0.1534	0.1649	0.162	0.66	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	121	0.1589	0.1608	0.1662	0.162	0.67	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.99	Other	173	0.1738	0.1586	0.1552	0.163	0.69	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	109	0.205	0.134	0.16	0.166	0.83	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	163	0.1657	0.1717		0.169	0.91	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	119	0.1789	0.1684	0.1654	0.171	1	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	144	0.1862	0.1741	0.1545	0.172	1.02	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.30	LC-MS, other	156	0.1799	0.1884	0.1595	0.176	1.18	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	116	0.1824	0.1794	0.1959	0.186	1.54	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	106	0.21	0.203	0.1938	0.202	2.14	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.40	GC-FID	128	.2177	.2258	.2167	0.22	2.79	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.50	GC-MS	151	0.2720	0.2139	0.1826	0.223	2.9	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.50	GC-MS	127	0.2188	0.2208	0.2300	0.223	2.91	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.02	AOAC 2018.11,	145	0.2429	0.2612	0.2354	0.247	3.76	0.1437	52	0.0273	0
2	Total Δ9-THC (%AR)	006.10	LC-UV, other	136	0.2948	0.2814	0.2794	0.285	5.18	0.1437	52	0.0273	0

Total CBD (%AR)

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1	Total CBD (%AR)	007.40	GC-FID	114	> 2.0	> 2.0	> 2.0	> 2.0					1
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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)	007.10	LC-UV, other	154	7.1617	6.6562	6.5242	6.78	-2.03	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	136	7.3273	6.9579	6.4775	6.92	-1.85	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.40	GC-FID	143	6.8021	7.2464		7.02	-1.73	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.03	AOAC 2018.11,	155	7.62	7.21	6.97	7.27	-1.42	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.99	Other	132	7.062	6.927	8.596	7.53	-1.1	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	161	7.81	7.5436	7.6887	7.68	-0.91	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.01	AOAC 2018.10	168	7.6776	7.7371	7.7704	7.73	-0.85	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	150	7.4630	7.8610	7.9280	7.75	-0.83	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.30	LC-MS, other	139	8.0880	7.7832	7.8772	7.92	-0.62	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	101	7.9616	7.5102	8.3546	7.94	-0.59	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.30	LC-MS, other	149	7.8152	8.0874	7.9176	7.94	-0.59	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	142	8.0148	7.7455	8.0962	7.95	-0.58	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	149	8.0421	7.9682	8.1413	8.05	-0.45	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	146	8.1017	8.0926	8.0503	8.08	-0.42	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.99	Other	173	8.1323	7.8836	8.4689	8.16	-0.32	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.40	GC-FID	169	8.8131	7.6892	8.0544	8.19	-0.29	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	135	8.2868	8.2514	8.1342	8.22	-0.24	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	118	8.402	8.375	8.105	8.29	-0.15	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	137	8.47	8.18	8.27	8.31	-0.14	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	125	8.1998	8.4757	8.7752	8.48	0.08	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	123	8.3900	8.5700	8.4890	8.48	0.08	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	106	8.243	8.547	8.7376	8.51	0.11	8.4177	39	0.8078	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)	007.10	LC-UV, other	141	8.6430	8.3549	8.6131	8.54	0.15	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.30	LC-MS, other	119	8.1552	9.1708	8.3286	8.55	0.17	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.01	AOAC 2018.10	162	8.5287	8.5091	8.7258	8.59	0.21	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	152	8.7695	8.4957	8.594	8.62	0.25	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.30	LC-MS, other	122	8.0275	8.8151	9.3290	8.72	0.38	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.02	AOAC 2018.11,	145	8.7427	8.5321	8.9126	8.73	0.39	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.50	GC-MS	127	8.4169	8.5854	9.5199	8.84	0.52	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	109	9.07	9.032	8.875	8.99	0.71	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	116	8.6616	9.5794	8.7337	8.99	0.71	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.40	GC-FID	116	9.2736	9.9509	8.0896	9.1	0.85	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.01	AOAC 2018.10	160	9.8248	9.3642	8.8628	9.35	1.15	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.40	GC-FID	138	9.0761	9.0422	9.923	9.35	1.15	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.40	GC-FID	163	9.5218	9.2635		9.39	1.21	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.30	LC-MS, other	159	9.7346	9.2866	9.5651	9.53	1.38	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.30	LC-MS, other	156	9.5570	10.7765	9.5682	9.97	1.92	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	127	9.8267	10.3780	10.0005	10.1	2.04	8.4177	39	0.8078	0
1	Total CBD (%AR)	007.10	LC-UV, other	129	10.864	11.269	10.811	11	3.17	8.4177	39	0.8078	0

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2	Total CBD (%AR)	007.40	GC-FID	114	> 2.0	> 2.0	> 2.0	> 2.0					1
2	Total CBD (%AR)	007.40	GC-FID	143	2.2091	2.0587		2.13	-2.59	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.99	Other	132	2.396	2.324	2.318	2.35	-1.97	3.0202	40	0.3422	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	154	2.2333	2.418	2.4617	2.37	-1.9	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	136	2.6294	2.6593	2.3476	2.55	-1.39	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	155	2.78	2.52	2.68	2.66	-1.05	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	101	2.6293	2.7547	2.7470	2.71	-0.91	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	142	2.7501	2.6355	2.7770	2.72	-0.87	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	161	2.6948	2.7060	2.8475	2.75	-0.79	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.01	AOAC 2018.10	160	2.5744	2.9197	2.7557	2.75	-0.79	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.01	AOAC 2018.10	168	2.7945	2.7712	2.7996	2.79	-0.68	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.01	AOAC 2018.10	162	2.8481	2.9476	2.7058	2.83	-0.54	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.99	Other	173	2.9768	2.8514	2.6943	2.84	-0.52	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	150	2.7324	2.9013	2.9368	2.86	-0.48	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	146	2.8816	2.8935	2.8641	2.88	-0.41	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	149	2.9566	2.9131	2.9405	2.94	-0.24	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	137	2.99	2.98	2.92	2.96	-0.17	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	141	3.0352	2.9800	2.9018	2.97	-0.14	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	135	2.9797	2.9789	2.9500	2.97	-0.15	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.30	LC-MS, other	139	2.9644	2.9822	3.0084	2.98	-0.1	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.30	LC-MS, other	122	2.7400	3.3833	2.8785	3	-0.06	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	125	2.9576	2.9303	3.1484	3.01	-0.02	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	152	3.1030	3.0322	2.9349	3.02	0.01	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.30	LC-MS, other	149	3.0614	2.9313	3.1018	3.03	0.03	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	118	3.094	3.103	2.984	3.06	0.12	3.0202	40	0.3422	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)	007.40	GC-FID	169	3.2878	2.9969	2.9245	3.07	0.14	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	106	3.028	3.087	3.0909	3.07	0.14	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.30	LC-MS, other	144	3.0417	3.2352	2.9588	3.08	0.17	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	116	3.1121	3.1757	3.1677	3.15	0.38	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.30	LC-MS, other	119	3.2471	3.1682	3.0758	3.16	0.42	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.40	GC-FID	116	3.3710	3.0087	3.1352	3.17	0.44	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	123	3.3410	3.1530	3.1100	3.2	0.53	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.40	GC-FID	163	3.2466	3.3193		3.28	0.77	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.02	AOAC 2018.11,	145	3.3437	3.2728	3.2834	3.3	0.82	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	109	3.275	3.179	3.765	3.41	1.13	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.40	GC-FID	138	3.3991	3.3243	3.5852	3.44	1.22	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.50	GC-MS	127	3.3895	3.5895	3.7826	3.59	1.66	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.30	LC-MS, other	159	3.7781	3.5558	3.5891	3.64	1.81	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.30	LC-MS, other	156	3.6205	4.0794	3.5422	3.75	2.12	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	129	3.8290	3.7676	3.7797	3.79	2.26	3.0202	40	0.3422	0
2	Total CBD (%AR)	007.10	LC-UV, other	127	3.9418	3.7413	3.8428	3.84	2.4	3.0202	40	0.3422	0

Moisture (%)

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1	Moisture (%)	500.99	Other	132	6.79	5.54	3.1	5.14	-1.13	7.1483	12	1.7671	0
1	Moisture (%)	500.99	Other	108	5.16	5.28	5.31	5.25	-1.07	7.1483	12	1.7671	0
1	Moisture (%)	500.99	Other	120	5.7800	5.5800		5.68	-0.83	7.1483	12	1.7671	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 (%)	500.99	Other	131	5.59	6.06	5.79	5.81	-0.76	7.1483	12	1.7671	0
1	Moisture (%)	500.99	Other	116	7.27	6.59		6.93	-0.12	7.1483	12	1.7671	0
1	Moisture (%)	500.40	AOAC 934.01	109	7.11	6.88	6.87	6.95	-0.11	7.1483	12	1.7671	0
1	Moisture (%)	500.99	Other	119	6.82	7.38	7.49	7.23	0.05	7.1483	12	1.7671	0
1	Moisture (%)	500.40	AOAC 934.01	138	7.49	7.62	6.8	7.3	0.09	7.1483	12	1.7671	0
1	Moisture (%)	500.99	Other	137	7.33			7.33					1
1	Moisture (%)	500.99	Other	173	7.59	7.38	7.22	7.4	0.14	7.1483	12	1.7671	0
1	Moisture (%)	500.99	Other	159	9.2800	8.9700	8.9500	9.07	1.09	7.1483	12	1.7671	0
1	Moisture (%)	500.50	AOAC 930.15	105	8.14	9.4	10.1	9.21	1.17	7.1483	12	1.7671	0
1	Moisture (%)	500.99	Other	156	11.4	11.4	9.8	10.9	2.1	7.1483	12	1.7671	0

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2	Moisture (%)	500.99	Other	132	3.04	3.48	2.78	3.1	-1.78	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	120	5.2400	5.4000		5.32	-0.81	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	108	5.19	5.56	5.35	5.37	-0.79	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	131	5.59	5.59	5.74	5.64	-0.67	7.159	12	2.2817	0
2	Moisture (%)	500.40	AOAC 934.01	109	3.65	6.67	7.35	5.89	-0.56	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	137	6.93			6.93					1
2	Moisture (%)	500.99	Other	116	7.5	7.07		7.28	0.06	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	173	7.61	7.65	7.73	7.66	0.22	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	119	7.81	7.8	7.77	7.79	0.28	7.159	12	2.2817	0
2	Moisture (%)	500.40	AOAC 934.01	138	7.85	8.06	7.46	7.79	0.28	7.159	12	2.2817	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 (%)	500.50	AOAC 930.15	105	8.49	9.8	10.3	9.53	1.04	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	159	9.8800	9.6500	9.7500	9.76	1.14	7.159	12	2.2817	0
2	Moisture (%)	500.99	Other	156	10.6	10.6	9.2	10.1	1.3	7.159	12	2.2817	0

Δ9-THC (%DW)

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1	Δ9-THC (%DW)	501.30	LC-MS, other	120	0.2587	0.2348	0.2489	0.247	-0.88	0.2793	7	0.0361	0
1	Δ9-THC (%DW)	501.01	AOAC 2018.10	108	0.2524	0.2551	0.2582	0.255	-0.67	0.2793	7	0.0361	0
1	Δ9-THC (%DW)	501.99	Other	131	0.28	0.24	0.25	0.257	-0.63	0.2793	7	0.0361	0
1	Δ9-THC (%DW)	501.30	LC-MS, other	105	0.2900	0.2590	0.2430	0.264	-0.43	0.2793	7	0.0361	0
1	Δ9-THC (%DW)	501.99	Other	173	0.2832	0.3355	0.2795	0.299	0.56	0.2793	7	0.0361	0
1	Δ9-THC (%DW)	501.10	LC-UV, other	109	0.3374	0.2839	0.2762	0.299	0.55	0.2793	7	0.0361	0
1	Δ9-THC (%DW)	501.30	LC-MS, other	156	0.3761	0.3809	0.3143	0.357	2.16	0.2793	7	0.0361	0

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2	Δ9-THC (%DW)	501.30	LC-MS, other	120	0.1063	0.1037	0.1041	0.105	-0.87	0.1213	7	0.0191	0
2	Δ9-THC (%DW)	501.99	Other	131	0.11	0.11	0.1	0.107	-0.76	0.1213	7	0.0191	0
2	Δ9-THC (%DW)	501.01	AOAC 2018.10	108	0.101	0.1118	0.1158	0.11	-0.61	0.1213	7	0.0191	0
2	Δ9-THC (%DW)	501.30	LC-MS, other	105	0.113	0.107	0.118	0.113	-0.45	0.1213	7	0.0191	0
2	Δ9-THC (%DW)	501.99	Other	173	0.1528	0.1266	0.1201	0.133	0.62	0.1213	7	0.0191	0
2	Δ9-THC (%DW)	501.10	LC-UV, other	109	0.1716	0.1065	0.1269	0.135	0.72	0.1213	7	0.0191	0
2	Δ9-THC (%DW)	501.30	LC-MS, other	156	0.1538	0.1522	0.1358	0.147	1.36	0.1213	7	0.0191	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	

Δ9-THCA (%DW)

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1	Δ9-THCA (%DW)	502.99	Other	131	<0.07	<0.07	<0.06	<0.07					1
1	Δ9-THCA (%DW)	502.01	AOAC 2018.10	108	0.0209	0.0200	0.0228	0.0212	-0.96	0.0421	6	0.0217	0
1	Δ9-THCA (%DW)	502.30	LC-MS, other	105	0.0249	0.031	0.0223	0.0261	-0.74	0.0421	6	0.0217	0
1	Δ9-THCA (%DW)	502.30	LC-MS, other	120	0.0433	0.0333	0.0331	0.0366	-0.26	0.0421	6	0.0217	0
1	Δ9-THCA (%DW)	502.10	LC-UV, other	109	0.0372	0.0379	0.0437	0.0396	-0.12	0.0421	6	0.0217	0
1	Δ9-THCA (%DW)	502.30	LC-MS, other	156	0.0554	0.0704	0.0487	0.0582	0.74	0.0421	6	0.0217	0
1	Δ9-THCA (%DW)	502.99	Other	173	0.078	0.0784	<0.0570	0.0711	1.34	0.0421	6	0.0217	0

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2	Δ9-THCA (%DW)	502.99	Other	131	<0.06	<0.06	<0.06	<0.06					1
2	Δ9-THCA (%DW)	502.99	Other	173	<0.0610	<0.0590	<0.0570	<0.0610					1
2	Δ9-THCA (%DW)	502.30	LC-MS, other	105	0.0232	0.0275	0.0215	0.0241					0
2	Δ9-THCA (%DW)	502.01	AOAC 2018.10	108	0.0275	0.0287	0.0305	0.0289					0
2	Δ9-THCA (%DW)	502.30	LC-MS, other	120	0.0328	0.0345	0.035	0.0341					0
2	Δ9-THCA (%DW)	502.10	LC-UV, other	109	0.0469	0.0428	0.0524	0.0474					0
2	Δ9-THCA (%DW)	502.30	LC-MS, other	156	0.0539	0.0666	0.0453	0.0553					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	
CBD (%DW)													
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1	CBD (%DW)	503.30	LC-MS, other	105	5.71	5.21	4.36	5.09	-1.05	5.6617	6	0.5412	0
1	CBD (%DW)	503.01	AOAC 2018.10	108	5.345	5.227	5.254	5.28	-0.71	5.6617	6	0.5412	0
1	CBD (%DW)	503.99	Other	173	5.9027	5.6602	5.492	5.68	0.04	5.6617	6	0.5412	0
1	CBD (%DW)	503.10	LC-UV, other	109	5.8128	5.7165	5.6107	5.71	0.1	5.6617	6	0.5412	0
1	CBD (%DW)	503.99	Other	131	5.7	5.77	5.72	5.73	0.13	5.6617	6	0.5412	0
1	CBD (%DW)	503.30	LC-MS, other	156	6.7854	7.4735	6.5750	6.94	2.37	5.6617	6	0.5412	0

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2	CBD (%DW)	503.30	LC-MS, other	105	1.4900	1.3900	1.5300	1.47	-1.24	1.6288	6	0.1278	0
2	CBD (%DW)	503.01	AOAC 2018.10	108	1.566	1.594	1.61	1.59	-0.3	1.6288	6	0.1278	0
2	CBD (%DW)	503.10	LC-UV, other	109	1.5215	1.5299	1.8203	1.62	-0.04	1.6288	6	0.1278	0
2	CBD (%DW)	503.99	Other	131	1.64	1.64	1.6	1.63	-0.02	1.6288	6	0.1278	0
2	CBD (%DW)	503.99	Other	173	1.7218	1.6403	1.5646	1.64	0.1	1.6288	6	0.1278	0
2	CBD (%DW)	503.30	LC-MS, other	156	2.0167	2.2197	1.9313	2.06	3.34	1.6288	6	0.1278	0

CBDA (%DW)

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1	CBDA (%DW)	504.30	LC-MS, other	105	3.73	3.32	2.6	3.22	-0.93	3.8859	6	0.7217	0
1	CBDA (%DW)	504.01	AOAC 2018.10	108	3.603	3.391	3.397	3.46	-0.59	3.8859	6	0.7217	0
1	CBDA (%DW)	504.99	Other	173	3.6978	3.5599	3.4453	3.57	-0.44	3.8859	6	0.7217	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)	504.99	Other	131	3.71	3.76	3.73	3.73	-0.21	3.8859	6	0.7217	0
1	CBDA (%DW)	504.10	LC-UV, other	109	4.5006	4.5412	4.4682	4.5	0.86	3.8859	6	0.7217	0
1	CBDA (%DW)	504.30	LC-MS, other	156	4.5578	5.3419	4.5929	4.83	1.31	3.8859	6	0.7217	0

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2	CBDA (%DW)	504.30	LC-MS, other	105	1.5000	1.6000	1.5700	1.56	-0.89	1.9104	6	0.399	0
2	CBDA (%DW)	504.99	Other	173	1.7126	1.6506	1.5432	1.64	-0.69	1.9104	6	0.399	0
2	CBDA (%DW)	504.01	AOAC 2018.10	108	1.824	1.756	1.645	1.74	-0.42	1.9104	6	0.399	0
2	CBDA (%DW)	504.99	Other	131	1.84	1.86	1.82	1.84	-0.18	1.9104	6	0.399	0
2	CBDA (%DW)	504.10	LC-UV, other	109	2.1413	2.1391	2.5584	2.28	0.93	1.9104	6	0.399	0
2	CBDA (%DW)	504.30	LC-MS, other	156	2.3148	2.6684	2.2436	2.41	1.25	1.9104	6	0.399	0

CBN (%DW)

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1	CBN (%DW)	505.99	Other	173	<0.0590	<0.0570	<0.0570	<0.0590					1
1	CBN (%DW)	505.01	AOAC 2018.10	108	0.0277	0.0306	0.0287	0.029	-0.89	0.0376	6	0.0096	0
1	CBN (%DW)	505.99	Other	131	0.03	0.03	0.03	0.03	-0.79	0.0376	6	0.0096	0
1	CBN (%DW)	505.20	LC-MS, other	105	0.0339	0.0313	0.0327	0.0326	-0.52	0.0376	6	0.0096	0
1	CBN (%DW)	505.10	LC-UV, other	109	0.0389	0.0418	0.0357	0.0388	0.12	0.0376	6	0.0096	0
1	CBN (%DW)	505.20	LC-MS, other	156	0.0480	0.0496	0.0424	0.0467	0.94	0.0376	6	0.0096	0
1	CBN (%DW)	505.30	GC-FID	138	0.0425	0.0427	0.0606	0.0486	1.14	0.0376	6	0.0096	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	
HM19SEP-2													
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	<0.04	<0.04	<0.04	<0.04					1
2	CBN (%DW)	505.99	Other	173	<0.0610	<0.0590	<0.0570	<0.0610					1
2	CBN (%DW)	505.10	LC-UV, other	109	0.0109	0.0072	0.0094	0.0092					0
2	CBN (%DW)	505.20	LC-MS, other	156	0.0111	0.0111	0.0094	0.0105					0
2	CBN (%DW)	505.30	GC-FID	138	0.0142	0.015	0.0202	0.0165					0

Total Δ9-THC (%DW)

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1	Total Δ9-THC (%DW)	506.99	Other	131	0.28	0.24	0.25	0.257	-0.92	0.3064	8	0.0541	0
1	Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2747	0.2685	0.2756	0.273	-0.62	0.3064	8	0.0541	0
1	Total Δ9-THC (%DW)	506.01	AOAC 2018.10	108	0.2707	0.2727	0.2782	0.274	-0.6	0.3064	8	0.0541	0
1	Total Δ9-THC (%DW)	506.30	LC-MS, other	120	0.2967	0.2640	0.2779	0.28	-0.5	0.3064	8	0.0541	0
1	Total Δ9-THC (%DW)	506.30	LC-MS, other	105	0.312	0.286	0.263	0.287	-0.36	0.3064	8	0.0541	0
1	Total Δ9-THC (%DW)	506.10	LC-UV, other	109	0.37	0.317	0.315	0.334	0.51	0.3064	8	0.0541	0
1	Total Δ9-THC (%DW)	506.99	Other	173	0.3516	0.4043	0.3229	0.36	0.98	0.3064	8	0.0541	0
1	Total Δ9-THC (%DW)	506.30	LC-MS, other	156	0.4238	0.4426	0.3571	0.408	1.88	0.3064	8	0.0541	0

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2	Total Δ9-THC (%DW)	506.99	Other	131	0.11	0.11	0.1	0.107	-1.31	0.1504	8	0.0334	0
2	Total Δ9-THC (%DW)	506.30	LC-MS, other	105	0.1330	0.1310	0.1370	0.134	-0.5	0.1504	8	0.0334	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 (%DW)	506.30	LC-MS, other	120	0.1351	0.1339	0.1348	0.135	-0.47	0.1504	8	0.0334	0
2	Total Δ9-THC (%DW)	506.01	AOAC 2018.10	108	0.1342	0.1370	0.1426	0.138	-0.37	0.1504	8	0.0334	0
2	Total Δ9-THC (%DW)	506.40	GC-FID	138	0.1401	0.1383	0.1466	0.142	-0.26	0.1504	8	0.0334	0
2	Total Δ9-THC (%DW)	506.99	Other	173	0.1882	0.1718	0.1681	0.176	0.77	0.1504	8	0.0334	0
2	Total Δ9-THC (%DW)	506.10	LC-UV, other	109	0.213	0.144	0.173	0.177	0.79	0.1504	8	0.0334	0
2	Total Δ9-THC (%DW)	506.30	LC-MS, other	156	0.2011	0.2106	0.1755	0.196	1.36	0.1504	8	0.0334	0

Total CBD (%DW)

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1	Total CBD (%DW)	507.30	LC-MS, other	105	8.98	8.12	6.64	7.91	-1.09	9.1249	8	1.112	0
1	Total CBD (%DW)	507.01	AOAC 2018.10	108	8.538	8.201	8.234	8.32	-0.72	9.1249	8	1.112	0
1	Total CBD (%DW)	507.30	LC-MS, other	144	7.4798	9.0963	8.6371	8.4	-0.65	9.1249	8	1.112	0
1	Total CBD (%DW)	507.99	Other	173	9.1457	8.7822	8.5135	8.81	-0.28	9.1249	8	1.112	0
1	Total CBD (%DW)	507.99	Other	131	8.95	9.07	8.99	9	-0.11	9.1249	8	1.112	0
1	Total CBD (%DW)	507.10	LC-UV, other	109	9.764	9.699	9.529	9.66	0.48	9.1249	8	1.112	0
1	Total CBD (%DW)	507.40	GC-FID	138	9.7912	9.7546	10.7048	10.1	0.86	9.1249	8	1.112	0
1	Total CBD (%DW)	507.30	LC-MS, other	156	10.7826	12.1585	10.6030	11.2	1.85	9.1249	8	1.112	0

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2	Total CBD (%DW)	507.30	LC-MS, other	105	2.8100	2.7900	2.9100	2.84	-1.08	3.3989	7	0.5224	0
2	Total CBD (%DW)	507.99	Other	173	3.2238	3.0879	2.9180	3.08	-0.62	3.3989	7	0.5224	0
2	Total CBD (%DW)	507.01	AOAC 2018.10	108	3.166	3.134	3.053	3.12	-0.54	3.3989	7	0.5224	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	3.25	3.28	3.2	3.24	-0.3	3.3989	7	0.5224	0
2	Total CBD (%DW)	507.10	LC-UV, other	109	3.399	3.406	4.064	3.62	0.43	3.3989	7	0.5224	0
2	Total CBD (%DW)	507.40	GC-FID	138	3.6862	3.6051	3.8881	3.73	0.63	3.3989	7	0.5224	0
2	Total CBD (%DW)	507.30	LC-MS, other	156	4.0468	4.5598	3.8989	4.17	1.47	3.3989	7	0.5224	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.