

Hemp Proficiency Testing

All Labs Trueness

HM22SEP-1 (hemp)



Sample: HM22SEP-1 (hemp)

All Labs Trueness

Issue Date: November 18, 2022

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.108	0.0975	0.1152	0.107	-2.06	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.113	0.113	0.115	0.114	-1.64	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.0885	0.1391	0.1164	0.115	-1.58	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.0885	0.1391	0.1164	0.115	-1.58	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1251	0.1169	0.1143	0.119	-1.33	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1179	0.1242	0.1215	0.121	-1.18	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.129	0.128	0.123	0.127	-0.84	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1282	0.1293	0.1249	0.127	-0.79	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1329	0.1267	0.1257	0.128	-0.73	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.99	Other	132	0.128	0.124	0.131	0.128	-0.78	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.133	0.125	0.129	0.129	-0.69	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.125	0.135	0.128	0.129	-0.67	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.137	0.13	0.132	0.133	-0.45	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1293	0.1358	0.1369	0.134	-0.39	0.1402	42	0.0162	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.1324	0.1354	0.1376	0.135	-0.32	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1311	0.1387	0.1355	0.135	-0.32	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.1287	0.1377	0.143	0.136	-0.23	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.1344	0.15	0.1332	0.139	-0.06	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.1363	0.1416	0.1402	0.139	-0.05	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.144	0.143	0.129	0.139	-0.1	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.99	Other	183	0.1398	0.1413	0.1426	0.141	0.06	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.157	0.134	0.138	0.143	0.17	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.1425	0.1335	0.1535	0.143	0.18	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.15	0.14	0.14	0.143	0.19	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.15	0.14	0.14	0.143	0.19	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1443	0.1386	0.1488	0.144	0.23	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1504	0.1414	0.1462	0.146	0.35	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.151	0.145	0.142	0.146	0.35	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.1483	0.1489	0.1394	0.146	0.33	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.1508	0.1459	0.1452	0.147	0.44	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	120	0.1496	0.1519	0.14	0.147	0.43	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.1477	0.1498	0.146	0.148	0.47	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.153	0.1495	0.145	0.149	0.55	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1594	0.1494	0.1499	0.153	0.78	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1534	0.1587	0.151	0.154	0.87	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	170	0.1492	0.1535	0.1608	0.154	0.88	0.1402	42	0.0162	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1558	0.157	0.1542	0.156	0.95	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.167	0.164	0.164	0.165	1.53	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1553	0.1649	0.1847	0.168	1.73	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.60	NIR	187	0.22	0.16	0.17	0.183	2.66	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2001	0.1956	0.1968	0.198	3.53	0.1402	42	0.0162	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.1981	0.1981	0.1964	0.198	3.53	0.1402	42	0.0162	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.60	NIR	187	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	<0.0125	<0.0125	<0.0125	<0.0125					1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	170	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.10	Other LC-UV	217	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0240	<0.0250	<0.0250					1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0436	<0.0187	<0.0174	<0.0436					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0465	<0.0472	<0.0493	<0.0465					1
Δ9-THCA (%AR)	002.10	Other LC-UV	216	<0.0498	<0.0495	<0.0490	<0.0498					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0	0	0	0					2
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0094	0.0089	0.009	0.0091	-1.19	0.0175	29	0.007	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0087	0.0126	0.008	0.0098	-1.1	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0112	0.0102	0.0097	0.0104	-1.01	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0097	0.0108	0.009	0.0098	-1.09	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0087	0.0126	0.008	0.0098	-1.1	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0131	0.0108	0.0107	0.0115	-0.85	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.99	Other	132	0.012	0.01	0.01	0.0107	-0.97	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	120	0.0131	0.0121	0.0124	0.0125	-0.7	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.013	0.014	0.013	0.0133	-0.59	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.012	0.014	0.015	0.0137	-0.54	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0121	0.0151	0.0182	0.0151	-0.33	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0149	0.0145	0.0154	0.0149	-0.36	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0168	0.0173	0.0132	0.0158	-0.24	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.019	0.018	0.015	0.0173	-0.02	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0171	0.0181	0.0169	0.0174	-0.01	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.017	0.0166	0.0174	0.017	-0.07	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0191	0.0179	0.0173	0.0181	0.09	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0169	0.0165	0.0192	0.0175	0.01	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0172	0.019	0.0173	0.0178	0.05	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.019	0.022	0.019	0.02	0.36	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.02	0.02	0.02	0.02	0.36	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0199	0.0199	0.0197	0.0198	0.34	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.99	Other	183	0.0197	0.0228	0.0262	0.0229	0.78	0.0175	29	0.007	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.023	0.023	0.023	0.023	0.79	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.022	0.037	0.023	0.0273	1.41	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0295	0.0311	0.0315	0.0307	1.89	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.03	0.0404	0.026	0.0321	2.1	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0657	0.0696	0.0802	0.0718	7.77	0.0175	29	0.007	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0407	0.3709	0.3756	0.262	34.99	0.0175	29	0.007	0

CBD (%AR)

CBD (%AR)	003.03	AOAC 2018.11, M	139	2.9655	2.9328	2.9581	2.95	-1.93	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	155	2.93	2.85	3.13	2.97	-1.88	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	200	3.166	2.994	2.952	3.04	-1.66	3.5613	33	0.315	0
CBD (%AR)	003.99	Other	132	3.22	3.187	3.126	3.18	-1.22	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	192	2.9191	3.1472	3.6882	3.25	-0.98	3.5613	33	0.315	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	3.275	3.342	3.261	3.29	-0.85	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	212	3.3225	3.2368	3.3607	3.31	-0.81	3.5613	33	0.315	0
CBD (%AR)	003.60	NIR	187	4.31	2.81	2.8	3.31	-0.81	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	184	3.314	3.483	3.431	3.41	-0.48	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	189	3.4113	3.4262	3.3899	3.41	-0.48	3.5613	33	0.315	0
CBD (%AR)	003.01	AOAC 2018.10	152	3.6526	3.3292	3.3487	3.44	-0.37	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	204	3.5261	3.4005	3.4398	3.46	-0.34	3.5613	33	0.315	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	3.47	3.66	3.3	3.48	-0.27	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	196	3.4532	3.5087	3.4929	3.48	-0.24	3.5613	33	0.315	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	149	3.47	3.44	3.528	3.48	-0.26	3.5613	33	0.315	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	3.5335	3.5005	3.587	3.54	-0.07	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	194	3.5332	3.5473	3.5376	3.54	-0.07	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	142	3.64	3.48	3.54	3.55	-0.03	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	191	3.4705	3.5145	3.8118	3.6	0.12	3.5613	33	0.315	0
CBD (%AR)	003.01	AOAC 2018.10	170	3.42	3.7411	3.7408	3.63	0.23	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	216	3.7025	3.7653	3.478	3.65	0.28	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	106	3.83	3.59	3.66	3.69	0.42	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	116	3.7654	3.6693	3.7084	3.71	0.49	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	197	3.706	3.7415	3.7005	3.72	0.49	3.5613	33	0.315	0
CBD (%AR)	003.30	Other LC-MS	102	3.2639	4.0391	3.8752	3.73	0.52	3.5613	33	0.315	0
CBD (%AR)	003.99	Other	183	3.7837	3.7575	3.7995	3.78	0.7	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	163	3.8585	3.7202	3.8231	3.8	0.76	3.5613	33	0.315	0
CBD (%AR)	003.30	Other LC-MS	164	3.7804	3.9645	3.6884	3.81	0.79	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	113	3.9412	3.9219	3.7501	3.87	0.98	3.5613	33	0.315	0
CBD (%AR)	003.30	Other LC-MS	149	4.077	4.13	3.945	4.05	1.55	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	172	4.181	4.052	4.063	4.1	1.71	3.5613	33	0.315	0
CBD (%AR)	003.10	Other LC-UV	144	4.3919	4.1014	4.1494	4.21	2.07	3.5613	33	0.315	0
CBD (%AR)	003.30	Other LC-MS	122	4.404	4.4041	4.4038	4.4	2.67	3.5613	33	0.315	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	155	0.533	0.516	0.55	0.533	-5.19	2.1416	31	0.31	0
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	212	1.6624	1.6166	1.7084	1.66	-1.55	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	192	1.5311	1.6405	1.8869	1.69	-1.47	2.1416	31	0.31	0
CBDA (%AR)	004.99	Other	132	1.808	1.731	1.705	1.75	-1.27	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	200	1.874	1.789	1.733	1.8	-1.11	2.1416	31	0.31	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	1.8651	1.86	1.9078	1.88	-0.85	2.1416	31	0.31	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	1.89	2.005	1.838	1.91	-0.74	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	142	2	1.9	1.92	1.94	-0.65	2.1416	31	0.31	0
CBDA (%AR)	004.30	Other LC-MS	122	1.9547	1.9552	1.9556	1.96	-0.6	2.1416	31	0.31	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	2.03	2.12	1.86	2	-0.45	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	196	2.0252	2.0575	2.0642	2.05	-0.3	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	149	2.055	2.073	2.046	2.06	-0.27	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	189	2.0659	2.0736	2.0503	2.06	-0.25	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	116	2.177	2.0521	2.0919	2.11	-0.11	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	204	2.2247	2.1525	2.1331	2.17	0.09	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	197	2.1805	2.1896	2.1527	2.17	0.11	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	216	2.199	2.199	2.1775	2.19	0.16	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	194	2.2478	2.2152	2.196	2.22	0.25	2.1416	31	0.31	0
CBDA (%AR)	004.60	NIR	187	2.77	2.09	1.87	2.24	0.33	2.1416	31	0.31	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	2.2885	2.2735	2.1915	2.25	0.35	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	163	2.2205	2.2255	2.3066	2.25	0.35	2.1416	31	0.31	0
CBDA (%AR)	004.30	Other LC-MS	149	2.357	2.286	2.11	2.25	0.35	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	106	2.31	2.18	2.29	2.26	0.38	2.1416	31	0.31	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	144	2.4585	2.19	2.325	2.32	0.59	2.1416	31	0.31	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	2.4363	2.2979	2.2752	2.34	0.63	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	191	2.3482	2.3858	2.4476	2.39	0.81	2.1416	31	0.31	0
CBDA (%AR)	004.99	Other	183	2.3798	2.3762	2.4403	2.4	0.83	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	172	2.61	2.534	2.589	2.58	1.41	2.1416	31	0.31	0
CBDA (%AR)	004.30	Other LC-MS	164	2.5982	2.6336	2.5166	2.58	1.42	2.1416	31	0.31	0
CBDA (%AR)	004.10	Other LC-UV	184	2.639	2.84	2.795	2.76	1.99	2.1416	31	0.31	0
CBDA (%AR)	004.01	AOAC 2018.10	170	2.986	3.2258	3.2141	3.14	3.23	2.1416	31	0.31	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBN (%AR)	005.20	Other LC-MS	102	<0.0436	<0.0467	<0.0436	<0.0436					1
CBN (%AR)	005.10	Other LC-UV	197	<0.0465	<0.0472	<0.0493	<0.0465					1
CBN (%AR)	005.10	Other LC-UV	216	<0.0498	<0.0495	<0.0490	<0.0498					1
CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.99	Other	132	0.025	0.024	0.026	0.025	-1.17	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	142	0.0254	0.024	0.0249	0.0248	-1.21	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	149	0.03	<0.0240	<0.0250	0.0263					1
CBN (%AR)	005.10	Other LC-UV	106	0.03	0.03	0.02	0.0267	-0.95	0.0339	20	0.0076	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0248	0.0278	0.0271	0.0266	-0.97	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	144	0.028	0.0274	0.0282	0.0279	-0.8	0.0339	20	0.0076	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.025	0.024	0.037	0.0287	-0.69	0.0339	20	0.0076	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%AR)	005.10	Other LC-UV	196	0.0302	0.0296	0.0297	0.0298	-0.54	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	200	0.032	0.031	0.031	0.0313	-0.34	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	204	0.0324	0.0317	0.0308	0.0316	-0.3	0.0339	20	0.0076	0
CBN (%AR)	005.99	Other	183	0.0315	0.0321	0.0333	0.0323	-0.21	0.0339	20	0.0076	0
CBN (%AR)	005.20	Other LC-MS	149	0.036	0.032	0.033	0.0337	-0.03	0.0339	20	0.0076	0
CBN (%AR)	005.30	GC-FID	192	0.0362	0.0335	0.0327	0.0341	0.03	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	189	0.0343	0.0345	0.0343	0.0344	0.06	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	192	0.0364	0.0296	0.0417	0.0359	0.27	0.0339	20	0.0076	0
CBN (%AR)	005.30	GC-FID	138	0.0382	0.0343	0.0416	0.038	0.55	0.0339	20	0.0076	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0429	0.0427	0.0383	0.0413	0.98	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	212	0.043	0.037	0.0479	0.0426	1.16	0.0339	20	0.0076	0
CBN (%AR)	005.30	GC-FID	116	0.0497	0.0374	0.0437	0.0436	1.28	0.0339	20	0.0076	0
CBN (%AR)	005.10	Other LC-UV	116	0.0418	0.0436	0.0474	0.0443	1.37	0.0339	20	0.0076	0
CBN (%AR)	005.30	GC-FID	163	0.0544	0.0884	0.0886	0.0771	5.72	0.0339	20	0.0076	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	192	0.0916	0.0974	0.0903	0.0931	-2.54	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.0961	0.1501	0.1234	0.123	-1.32	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.0961	0.1501	0.1234	0.123	-1.32	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.129	0.128	0.123	0.127	-1.18	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1329	0.1267	0.1257	0.128	-1.11	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1366	0.1264	0.1237	0.129	-1.09	0.1558	49	0.0247	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.125	0.135	0.128	0.129	-1.07	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.1256	0.1307	0.1316	0.129	-1.08	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1293	0.1358	0.1369	0.134	-0.88	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.134	0.133	0.136	0.134	-0.87	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1311	0.1387	0.1355	0.135	-0.84	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1348	0.1382	0.1328	0.135	-0.83	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1412	0.1328	0.1369	0.137	-0.76	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.99	Other	132	0.139	0.132	0.14	0.137	-0.76	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.1363	0.1416	0.1402	0.139	-0.67	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1483	0.1489	0.1394	0.146	-0.42	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.154	0.146	0.145	0.148	-0.3	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.1444	0.1511	0.1524	0.149	-0.26	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.1473	0.1499	0.1528	0.15	-0.24	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.1492	0.1652	0.1447	0.153	-0.11	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1521	0.1539	0.1535	0.153	-0.11	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1493	0.1527	0.1564	0.153	-0.12	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1451	0.1477	0.1678	0.154	-0.09	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.159	0.157	0.146	0.154	-0.07	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.1534	0.1587	0.151	0.154	-0.06	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.169	0.145	0.149	0.154	-0.06	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1543	0.1467	0.1662	0.156	0	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.16	0.15	0.16	0.157	0.03	0.1558	49	0.0247	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.1628	0.1585	0.1535	0.158	0.1	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	120	0.1611	0.1625	0.1509	0.158	0.1	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.1635	0.1541	0.1597	0.159	0.13	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.152	0.157	0.171	0.16	0.17	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.161	0.1543	0.164	0.16	0.16	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1751	0.148	0.1605	0.161	0.22	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.99	Other	183	0.157	0.1613	0.1656	0.161	0.22	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.165	0.166	0.162	0.164	0.35	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1656	0.1586	0.1856	0.17	0.57	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.174	0.1852	0.1688	0.176	0.82	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.1861	0.1657	0.1807	0.177	0.88	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.22	0.16	0.17	0.183	1.12	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.1837	0.1833	0.1807	0.183	1.08	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.1817	0.1843	0.1818	0.183	1.09	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.1703	0.1808	0.1995	0.184	1.12	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2004	0.1933	0.1951	0.196	1.64	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2003	0.2083	0.1943	0.201	1.83	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.209			0.209					1
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.194	0.206	0.236	0.212	2.28	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2129	0.2127	0.2128	0.213	2.31	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2339	0.2237	0.235	0.231	3.04	0.1558	49	0.0247	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.16	0.26	0.275	0.232	3.08	0.1558	49	0.0247	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Total CBD (%AR)									
Total CBD (%AR)	007.40	GC-FID	192	3.2072	3.212	3.1157	3.18	-3.6	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	155	4.48	4.34	4.8	4.54	-1.41	5.4164	35	0.6211	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	4.6012	4.564	4.6312	4.6	-1.32	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	200	4.809	4.563	4.472	4.61	-1.29	5.4164	35	0.6211	0
Total CBD (%AR)	007.99	Other	132	4.807	4.706	4.623	4.71	-1.13	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	192	4.2618	4.5859	5.3429	4.73	-1.1	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	212	4.7804	4.6546	4.859	4.76	-1.05	5.4164	35	0.6211	0
Total CBD (%AR)	007.60	NIR	138	5.305	4.66	4.885	4.95	-0.75	5.4164	35	0.6211	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	4.933	5.1	4.873	4.97	-0.72	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	189	5.2231	5.2448	5.188	5.22	-0.32	5.4164	35	0.6211	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	5.25	5.52	4.93	5.23	-0.29	5.4164	35	0.6211	0
Total CBD (%AR)	007.40	GC-FID	163	5.4252	5.1654	5.1719	5.25	-0.26	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	142	5.394	5.1463	5.2238	5.25	-0.26	5.4164	35	0.6211	0
Total CBD (%AR)	007.60	NIR	187	6.74	4.64	4.44	5.27	-0.23	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	149	5.272	5.258	5.323	5.28	-0.21	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	196	5.2292	5.3131	5.3032	5.28	-0.22	5.4164	35	0.6211	0
Total CBD (%AR)	007.40	GC-FID	169	5.4932	5.3922	4.973	5.29	-0.21	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	204	5.4772	5.3275	5.2712	5.36	-0.09	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	194	5.5045	5.49	5.4635	5.49	0.11	5.4164	35	0.6211	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	5.7895	5.3773	5.3111	5.49	0.12	5.4164	35	0.6211	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	5.5405	5.4944	5.5089	5.51	0.16	5.4164	35	0.6211	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.644	5.824	5.132	5.53	0.19	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	116	5.6746	5.469	5.543	5.56	0.23	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	216	5.631	5.6938	5.3877	5.57	0.25	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	197	5.6183	5.6618	5.5884	5.62	0.33	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	191	5.5298	5.6068	5.9583	5.7	0.45	5.4164	35	0.6211	0
Total CBD (%AR)	007.99	Other	183	5.8707	5.8414	5.9397	5.88	0.75	5.4164	35	0.6211	0
Total CBD (%AR)	007.40	GC-FID	116	6.6003	5.3032	5.7401	5.88	0.75	5.4164	35	0.6211	0
Total CBD (%AR)	007.30	Other LC-MS	149	6.144	6.135	5.795	6.02	0.98	5.4164	35	0.6211	0
Total CBD (%AR)	007.30	Other LC-MS	164	6.059	6.2742	5.8955	6.08	1.06	5.4164	35	0.6211	0
Total CBD (%AR)	007.30	Other LC-MS	122	6.1201	6.1202	6.1201	6.12	1.13	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	144	6.5485	6.0225	6.1889	6.25	1.35	5.4164	35	0.6211	0
Total CBD (%AR)	007.10	Other LC-UV	172	6.47	6.2743	6.3336	6.36	1.52	5.4164	35	0.6211	0
Total CBD (%AR)	007.40	GC-FID	138	6.294	6.3715	6.4012	6.36	1.51	5.4164	35	0.6211	0
Total CBD (%AR)	007.40	GC-FID	170	6.8276	7.0679	5.6367	6.51	1.76	5.4164	35	0.6211	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBDV (%AR)	008.99	Other	197	<0.0465	<0.0472	<0.0493	<0.0465					1
CBDV (%AR)	008.99	Other	216	<0.0498	<0.0495	<0.0490	<0.0498					1
CBDV (%AR)	008.99	Other	106	0.02	0.02	0.02	0.02	-1.37	0.028	9	0.0058	0
CBDV (%AR)	008.99	Other	132	0.023	0.022	0.022	0.0223	-0.97	0.028	9	0.0058	0
CBDV (%AR)	008.99	Other	196	0.0234	0.0232	0.0231	0.0232	-0.82	0.028	9	0.0058	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDV (%AR)	008.99	Other	200	0.03	0.029	0.029	0.0293	0.23	0.028	9	0.0058	0
CBDV (%AR)	008.99	Other	142	0.0306	0.0278	0.0288	0.0291	0.19	0.028	9	0.0058	0
CBDV (%AR)	008.99	Other	189	0.0315	0.0322	0.0271	0.0303	0.39	0.028	9	0.0058	0
CBDV (%AR)	008.99	Other	183	0.0304	0.0296	0.0307	0.0302	0.39	0.028	9	0.0058	0
CBDV (%AR)	008.99	Other	149	0.033	0.03	0.03	0.031	0.52	0.028	9	0.0058	0
CBDV (%AR)	008.99	Other	212	0.0351	0.0387	0.0354	0.0364	1.44	0.028	9	0.0058	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBDVA (%AR)	009.99	Other	149	<0.0250	<0.0240	<0.0250	<0.0250					1
CBDVA (%AR)	009.99	Other	197	<0.0465	<0.0472	<0.0493	<0.0465					1
CBDVA (%AR)	009.99	Other	216	<0.0498	<0.0495	<0.0490	<0.0498					1
CBDVA (%AR)	009.99	Other	142	0.0183	0.0166	0.017	0.0173					0
CBDVA (%AR)	009.99	Other	183	0.0257	0.0249	0.0264	0.0257					0
CBDVA (%AR)	009.99	Other	212	0.0279	0.0288	0.0274	0.028					0

CBG (%AR)

CBG (%AR)	010.99	Other	197	0.3559	0.35	0.3498	0.352	-1.29	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	196	0.3491	0.3507	0.3569	0.352	-1.28	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	142	0.368	0.343	0.36	0.357	-1.19	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	216	0.3751	0.382	0.3912	0.383	-0.68	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	149	0.391	0.398	0.395	0.395	-0.45	0.4176	16	0.0509	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%AR)	010.99	Other	155	0.408	0.387	0.395	0.397	-0.41	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	212	0.4115	0.3893	0.4107	0.404	-0.27	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	200	0.417	0.408	0.413	0.413	-0.1	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	132	0.423	0.413	0.418	0.418	0.01	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	183	0.4364	0.4379	0.427	0.434	0.32	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	204	0.4482	0.4476	0.4324	0.443	0.49	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	194	0.4423	0.45	0.4449	0.446	0.55	0.4176	16	0.0509	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.438	0.473	0.427	0.446	0.56	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	189	0.4567	0.4573	0.4526	0.456	0.75	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	106	0.61	0.43	0.55	0.53	2.21	0.4176	16	0.0509	0
CBG (%AR)	010.99	Other	122	0.5764	0.5761	0.5771	0.577	3.12	0.4176	16	0.0509	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	212	0.4447	0.4293	0.4629	0.446	-2.72	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	132	0.515	0.512	0.509	0.512	-1.35	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	142	0.519	0.516	0.525	0.52	-1.18	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	106	0.58	0.56	0.56	0.567	-0.22	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	149	0.558	0.576	0.577	0.57	-0.14	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	196	0.578	0.5631	0.5712	0.571	-0.13	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	189	0.5809	0.5806	0.5735	0.578	0.03	0.5771	14	0.0483	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.578	0.619	0.538	0.578	0.03	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	204	0.593	0.5831	0.5759	0.584	0.14	0.5771	14	0.0483	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%AR)	011.99	Other	194	0.6009	0.6007	0.5993	0.6	0.48	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	197	0.6028	0.6054	0.6049	0.604	0.57	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	183	0.6075	0.6079	0.6044	0.607	0.61	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	216	0.6398	0.6446	0.6157	0.633	1.17	0.5771	14	0.0483	0
CBGA (%AR)	011.99	Other	122	0.6922	0.692	0.6937	0.693	2.39	0.5771	14	0.0483	0

THCV (%AR)

THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0240	<0.0250	<0.0250					1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
THCV (%AR)	012.99	Other	197	<0.0465	<0.0472	<0.0493	<0.0465					1
THCV (%AR)	012.99	Other	216	<0.0498	<0.0495	<0.0490	<0.0498					1
THCV (%AR)	012.99	Other	132	0	0	0	0					2
THCV (%AR)	012.99	Other	183	0	0	0	0					2
THCV (%AR)	012.99	Other	189	0.0315	0.0295	0.0278	0.0296					0

Δ8-THC (%AR)

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

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	102	<0.0174	<0.0187	<0.0174	<0.0174					1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0240	<0.0250	<0.0250					1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ8-THC (%AR)	013.99	Other	197	<0.0465	<0.0472	<0.0493	<0.0465					1
Δ8-THC (%AR)	013.99	Other	216	<0.0498	<0.0495	<0.0490	<0.0498					1
Δ8-THC (%AR)	013.99	Other	183	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	189	0.0087	0.0091	0.008	0.0086					0
Δ8-THC (%AR)	013.99	Other	138	0.0388	0.0368	0.0441	0.0399					0

CBC (%AR)

CBC (%AR)	014.99	Other	142	0.174	0.164	0.17	0.169	-1.72	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	132	0.177	0.172	0.175	0.175	-1.32	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	196	0.1797	0.1816	0.1844	0.182	-0.78	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	155	0.177	0.19	0.183	0.183	-0.67	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	204	0.1919	0.1881	0.186	0.189	-0.28	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	197	0.1898	0.1925	0.1892	0.191	-0.14	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	149	0.186	0.195	0.191	0.191	-0.13	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	212	0.1965	0.1869	0.1918	0.192	-0.05	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	216	0.19	0.1901	0.1961	0.192	-0.02	0.1924	15	0.0134	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.189	0.206	0.184	0.193	0.05	0.1924	15	0.0134	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%AR)	014.99	Other	194	0.196	0.1974	0.2009	0.198	0.43	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	183	0.1957	0.2023	0.2035	0.2	0.6	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	106	0.21	0.21	0.19	0.203	0.82	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	200	0.227	0.218	0.223	0.223	2.26	0.1924	15	0.0134	0
CBC (%AR)	014.99	Other	189	0.2313	0.2338	0.2306	0.232	2.94	0.1924	15	0.0134	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Cd (ug/g AR)	101.04	ICP-MS	102	0.1403	0.1492	0.1233	0.138	-1.04	0.1635	6	0.025	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.141	0.144	0.152	0.146	-0.72	0.1635	6	0.025	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1883	0.149	0.1284	0.155	-0.33	0.1635	6	0.025	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.163	0.169	0.169	0.167	0.14	0.1635	6	0.025	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.18	0.1771	0.1791	0.179	0.61	0.1635	6	0.025	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.198	0.199	0.194	0.197	1.34	0.1635	6	0.025	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	196	<0.0482	<0.0482	<0.0482	<0.0482					1
As (ug/g AR)	102.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
As (ug/g AR)	102.04	ICP-MS	106	<0.0750	<0.0750	<0.0750	<0.0750					1
As (ug/g AR)	102.04	ICP-MS	197	<0.0996	<0.1031	<0.0975	<0.0996					1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.04	ICP-MS	102	0.031	0.0331	0.0261	0.0301					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
As (ug/g AR)	102.04	ICP-MS	194	0.0397	0.0487	0.0397	0.0427					0
Hg (ug/g AR)												
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072	<0.0072					1
Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080	<0.0080					1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200	<0.0200					1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0996	<0.1031	<0.0975	<0.0996					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.04	ICP-MS	102	0.0091	0.0078	0.0072	0.008					0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	194	0.3258	0.2571	0.2862	0.29	-1.27	0.3598	7	0.0554	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.362	0.264	0.337	0.321	-0.7	0.3598	7	0.0554	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.334	0.345	0.314	0.331	-0.52	0.3598	7	0.0554	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.3903	0.3621	0.351	0.368	0.14	0.3598	7	0.0554	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.3347	0.3896	0.394	0.373	0.23	0.3598	7	0.0554	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.4393	0.386	0.4274	0.418	1.04	0.3598	7	0.0554	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.459	0.404	0.394	0.419	1.07	0.3598	7	0.0554	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	9.64	10.2	10.3	10					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Cu (ug/g AR)	105.04	ICP-MS	142	16	16.7	16.8	16.5					0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	0.979	1.04	1.06	1.03					0
Ni (ug/g AR)	106.04	ICP-MS	142	1.4	1.41	1.39	1.4					0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	197	0.5395	0.566	0.5523	0.553					0
Cr (ug/g AR)	107.04	ICP-MS	196	0.651	0.685	0.671	0.669					0
Cr (ug/g AR)	107.04	ICP-MS	142	0.625	0.622	0.929	0.725					0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	196	<0.0963	<0.0963	<0.0963	<0.0963					1
Se (ug/g AR)	108.04	ICP-MS	197	<0.0996	<0.1031	<0.0975	<0.0996					1
Se (ug/g AR)	108.04	ICP-MS	142	0.051	0.067	0.056	0.058					0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
Ba (ug/g AR)												
Ba (ug/g AR)	110.04	ICP-MS	142	61.6	60.9	64.4	62.3					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	49.8	52.4	53.1	51.8					0
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					1
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0242	0.0215	0.0278	0.0245					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0373	0.0321	0.0357	0.035					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0574	0.0628	0.0532	0.0578					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0878	0.0951	0.0943	0.0924					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	212	0.1068	0.1261	0.1048	0.113					0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0255	0.023	0.0248	0.0244					0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0322	0.0342	0.0282	0.0315					0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0335	0.0387	0.0361	0.0361					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0409	0.0331	0.0375	0.0372					0
beta-Caryophyllene (%)	202.02	GC,MS	212	0.0623	0.0534	0.0492	0.055					0
			(-)-Caryophyllene oxide (%AR)									
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0072	0.0069	0.0082	0.0074					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0124	0.0115	0.0103	0.0114					0
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0125	0.0132	0.0135	0.0131					0
(-)-Caryophyllene oxide	203.02	GC,MS	212	0.0167	0.0145	0.0134	0.0149					0

Geraniol (%AR)

Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Geraniol (%AR)	204.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1

alpha-Humulene (%AR)

alpha-Humulene (%AR)	205.02	GC,MS	196	0.0099	0.0089	0.0097	0.0095					0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0131	0.0144	0.012	0.0132					0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.017	0.0134	0.0145	0.015					0
alpha-Humulene (%AR)	205.02	GC,MS	212	0.0255	0.0213	0.0186	0.0218					0
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0203	0.023	0.0221	0.0218					0

d-Limonene (%AR)

d-Limonene (%AR)	206.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)	206.02	GC,MS	194	0.0021	0.0021	0.002	0.0021					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Linalool (%AR)												
Linalool (%AR)	207.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Linalool (%AR)	207.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	212	0.0005	0.0013	0.0015	0.0011					0
Linalool (%AR)	207.02	GC,MS	194	0.0055	0.0056	0.0054	0.0055					0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.02	GC,MS	194	0.003	0.0031	0.0028	0.003					0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Ocimene (%AR)	210.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Ocimene (%AR)	210.02	GC,MS	212	0.0002	0.0024	0	0.0013					0
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0013	0.0014	0.0012	0.0013					0
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	0.0014	0.0013	0.0013	0.0013					0
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Moisture (%AR)												
Moisture (%AR)	500.99	Other	132	1.69	1.52	1.6	1.6	-3.6	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.33	3.23	3.11	3.22	-2.61	7.5292	23	1.6477	0
Moisture (%AR)	500.99	Other	142	5.5	5.3	5.2	5.33	-1.33	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	189	5.835	5.835	5.835	5.84	-1.03	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.05	6.21	6.23	6.16	-0.83	7.5292	23	1.6477	0
Moisture (%AR)	500.99	Other	212	6.29	6.41	6.29	6.33	-0.73	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.91	6.91	6.91	6.91	-0.38	7.5292	23	1.6477	0
Moisture (%AR)	500.99	Other	120	6.8016	7.2831	7.4989	7.19	-0.2	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.92	7.52	7.58	7.34	-0.11	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.45	7.3	7.33	7.36	-0.1	7.5292	23	1.6477	0
Moisture (%AR)	500.99	Other	224	6.9479	7.0307	8.5392	7.51	-0.01	7.5292	23	1.6477	0
Moisture (%AR)	500.99	Other	102	7.1	7.9	7.7	7.57	0.02	7.5292	23	1.6477	0
Moisture (%AR)	500.72	NIR	187	7.7	7.6	7.5	7.6	0.04	7.5292	23	1.6477	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Moisture (%AR)	500.72	NIR	138	7.7	8	7.55	7.75	0.13	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	172	8.022	7.5	8.256	7.93	0.24	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	194	8.36	7.81	7.76	7.98	0.27	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.655	8.61	8	8.09	0.34	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.4	8.4	8.4	8.4	0.53	7.5292	23	1.6477	0
Moisture (%AR)	500.99	Other	105	9.15	9.04	9.07	9.09	0.95	7.5292	23	1.6477	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9	8.91	9.52	9.14	0.98	7.5292	23	1.6477	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.3792	9.579	10.2633	9.74	1.34	7.5292	23	1.6477	0
Moisture (%AR)	500.50	AOAC 930.15	210	10.14	9.12	10.44	9.9	1.44	7.5292	23	1.6477	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.4803	10.1951	10.0425	9.91	1.44	7.5292	23	1.6477	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1279	0.114	0.1297	0.124	-1.77	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.1407	0.1342	0.1331	0.136	-1.13	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.148	0.147	0.14	0.145	-0.66	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	218	0.146	0.136	0.162	0.148	-0.5	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.99	Other	183	0.1515	0.1532	0.1546	0.153	-0.23	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1546	0.1496	0.1549	0.153	-0.24	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.147	0.166	0.158	0.157	-0.03	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.1574	0.1487	0.1706	0.159	0.07	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	120	0.1605	0.1638	0.1514	0.159	0.05	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.1654	0.1667	0.1637	0.165	0.4	0.1576	13	0.0191	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1655	0.1758	0.1968	0.179	1.14	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.1814	0.1781	0.1781	0.179	1.13	0.1576	13	0.0191	0
Δ9-THC (%DW)	501.60	NIR	187	0.24	0.17	0.18	0.197	2.05	0.1576	13	0.0191	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.60	NIR	187	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ9-THCA (%DW)	502.30	Other LC-MS	105	<0.0144	<0.0144	<0.0144	<0.0144					1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0524	<0.0203	<0.0189	<0.0524					1
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0	0	0	0					2
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	120	0.014	0.0131	0.0134	0.0135	-1.05	0.023	7	0.0091	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.018	<0.0140	<0.0140	0.0153					1
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.017	0.0167	0.0138	0.0158	-0.79	0.023	7	0.0091	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0182	0.0193	0.018	0.0185	-0.5	0.023	7	0.0091	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0206	0.0239	0.0206	0.0217	-0.15	0.023	7	0.0091	0
Δ9-THCA (%DW)	502.99	Other	183	0.0213	0.0247	0.0284	0.0248	0.19	0.023	7	0.0091	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0314	0.033	0.0334	0.0326	1.05	0.023	7	0.0091	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	218	0.032	0.035	0.036	0.0343	1.24	0.023	7	0.0091	0

CBD (%DW)

CBD (%DW)	503.30	Other LC-MS	105	3.16	3.47	3.58	3.4	-1.4	3.8757	12	0.3363	0
CBD (%DW)	503.60	NIR	187	4.67	3.04	3.02	3.58	-0.89	3.8757	12	0.3363	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%DW)	503.10	Other LC-UV	189	3.6227	3.6385	3.6	3.62	-0.76	3.8757	12	0.3363	0
CBD (%DW)	503.10	Other LC-UV	204	3.7341	3.6427	3.6011	3.66	-0.64	3.8757	12	0.3363	0
CBD (%DW)	503.02	AOAC 2018.11, U	218	3.536	3.633	3.887	3.69	-0.57	3.8757	12	0.3363	0
CBD (%DW)	503.01	AOAC 2018.10	210	3.86	3.844	3.781	3.83	-0.14	3.8757	12	0.3363	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	3.9036	3.8979	3.9874	3.93	0.16	3.8757	12	0.3363	0
CBD (%DW)	503.10	Other LC-UV	116	4.0126	3.9102	3.9518	3.96	0.25	3.8757	12	0.3363	0
CBD (%DW)	503.99	Other	183	4.1015	4.0731	4.1187	4.1	0.66	3.8757	12	0.3363	0
CBD (%DW)	503.30	Other LC-MS	102	3.9201	4.387	4.198	4.17	0.87	3.8757	12	0.3363	0
CBD (%DW)	503.10	Other LC-UV	162	4.0637	4.2126	4.3248	4.2	0.97	3.8757	12	0.3363	0
CBD (%DW)	503.10	Other LC-UV	172	4.5409	4.4008	4.4128	4.45	1.71	3.8757	12	0.3363	0

CBDA (%DW)

CBDA (%DW)	504.30	Other LC-MS	105	1.82	1.88	1.89	1.86	-1.58	2.4121	11	0.3476	0
CBDA (%DW)	504.02	AOAC 2018.11, U	218	2.038	2.093	2.117	2.08	-0.95	2.4121	11	0.3476	0
CBDA (%DW)	504.10	Other LC-UV	189	2.1939	2.2021	2.1773	2.19	-0.64	2.4121	11	0.3476	0
CBDA (%DW)	504.10	Other LC-UV	116	2.3199	2.1868	2.2292	2.25	-0.48	2.4121	11	0.3476	0
CBDA (%DW)	504.10	Other LC-UV	204	2.3559	2.2795	2.2589	2.3	-0.33	2.4121	11	0.3476	0
CBDA (%DW)	504.10	Other LC-UV	162	2.2605	2.4316	2.5229	2.4	-0.02	2.4121	11	0.3476	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	2.5282	2.5316	2.4361	2.5	0.25	2.4121	11	0.3476	0
CBDA (%DW)	504.99	Other	183	2.5797	2.5758	2.6453	2.6	0.54	2.4121	11	0.3476	0
CBDA (%DW)	504.01	AOAC 2018.10	210	2.661	2.639	2.595	2.63	0.63	2.4121	11	0.3476	0
CBDA (%DW)	504.10	Other LC-UV	172	2.8347	2.7521	2.8119	2.8	1.11	2.4121	11	0.3476	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%DW)	504.60	NIR	187	3	2.26	3.41	2.89	1.37	2.4121	11	0.3476	0

CBN (%DW)

CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%DW)	505.20	Other LC-MS	102	<0.0524	<0.0507	<0.0472	<0.0524					1
CBN (%DW)	505.20	Other LC-MS	105	0.0271	0.0265	0.0272	0.0269	-1.28	0.0368	9	0.0077	0
CBN (%DW)	505.02	AOAC 2018.11, U	218	0.029	0.03	0.031	0.03	-0.88	0.0368	9	0.0077	0
CBN (%DW)	505.10	Other LC-UV	204	0.0343	0.0336	0.0326	0.0335	-0.42	0.0368	9	0.0077	0
CBN (%DW)	505.99	Other	183	0.0342	0.0348	0.0361	0.035	-0.22	0.0368	9	0.0077	0
CBN (%DW)	505.10	Other LC-UV	189	0.0365	0.0366	0.0364	0.0365	-0.03	0.0368	9	0.0077	0
CBN (%DW)	505.10	Other LC-UV	162	0.0353	0.0336	0.0375	0.0355	-0.17	0.0368	9	0.0077	0
CBN (%DW)	505.10	Other LC-UV	192	0.0402	0.0327	0.0465	0.0398	0.39	0.0368	9	0.0077	0
CBN (%DW)	505.30	GC-FID	116	0.0529	0.0399	0.0466	0.0465	1.26	0.0368	9	0.0077	0
CBN (%DW)	505.10	Other LC-UV	116	0.0445	0.0464	0.0505	0.0471	1.35	0.0368	9	0.0077	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.1407	0.1342	0.1331	0.136	-1.52	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1428	0.1286	0.1418	0.138	-1.44	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1479	0.1383	0.1344	0.14	-1.34	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.147	0.166	0.158	0.157	-0.59	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.15	0.1526	0.1732	0.159	-0.52	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.164	0.16	0.16	0.161	-0.4	0.1705	18	0.0227	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.1618	0.1655	0.1695	0.166	-0.21	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.1735	0.1642	0.1651	0.168	-0.13	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	120	0.1728	0.1753	0.1632	0.17	0	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.1865	0.1577	0.171	0.172	0.06	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.1705	0.1633	0.1848	0.173	0.11	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.99	Other	183	0.1702	0.1748	0.1795	0.175	0.19	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	218	0.174	0.167	0.194	0.178	0.35	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1827	0.1754	0.2068	0.188	0.79	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.193	0.1957	0.193	0.194	1.03	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.1815	0.1927	0.2126	0.196	1.11	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.1995	0.1991	0.1962	0.198	1.23	0.1705	18	0.0227	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.2419	0.1732	0.1839	0.2	1.29	0.1705	18	0.0227	0

Total CBD (%DW)

Total CBD (%DW)	507.30	Other LC-MS	105	4.76	5.12	5.24	5.04	-1.47	5.9753	14	0.6359	0
Total CBD (%DW)	507.10	Other LC-UV	192	4.7029	5.0718	5.954	5.24	-1.15	5.9753	14	0.6359	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	218	5.324	5.469	5.743	5.51	-0.73	5.9753	14	0.6359	0
Total CBD (%DW)	507.10	Other LC-UV	189	5.5468	5.5698	5.5095	5.54	-0.68	5.9753	14	0.6359	0
Total CBD (%DW)	507.10	Other LC-UV	204	5.8002	5.5822	5.6418	5.67	-0.47	5.9753	14	0.6359	0
Total CBD (%DW)	507.60	NIR	187	7.3	5.02	4.8	5.71	-0.42	5.9753	14	0.6359	0
Total CBD (%DW)	507.10	Other LC-UV	116	6.0471	5.8281	5.9068	5.93	-0.08	5.9753	14	0.6359	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	6.1208	6.1181	6.1239	6.12	0.23	5.9753	14	0.6359	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%DW)	507.01	AOAC 2018.10	210	6.194	6.158	6.057	6.14	0.25	5.9753	14	0.6359	0
Total CBD (%DW)	507.40	GC-FID	116	7.0336	5.6514	6.1169	6.27	0.46	5.9753	14	0.6359	0
Total CBD (%DW)	507.10	Other LC-UV	162	6.0461	6.3452	6.5374	6.31	0.53	5.9753	14	0.6359	0
Total CBD (%DW)	507.99	Other	183	6.3639	6.3321	6.4386	6.38	0.63	5.9753	14	0.6359	0
Total CBD (%DW)	507.40	GC-FID	138	6.8228	6.9068	6.939	6.89	1.44	5.9753	14	0.6359	0
Total CBD (%DW)	507.10	Other LC-UV	172	7.0269	6.8144	6.8788	6.91	1.46	5.9753	14	0.6359	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.029	0.028	0.029	0.0287					0
CBDV (%DW)	508.99	Other	189	0.0335	0.0342	0.0288	0.0322					0
CBDV (%DW)	508.99	Other	183	0.0329	0.032	0.0332	0.0327					0

CBDVA (%DW)

CBDVA (%DW)	509.01	AOAC 2018.10	210	0.021	0.021	0.02	0.0207					0
CBDVA (%DW)	509.99	Other	183	0.0278	0.0269	0.0286	0.0278					0

CBG (%DW)

CBG (%DW)	510.99	Other	105	0.318	0.333	0.324	0.325	-13.66	0.4708	6	0.0107	0
CBG (%DW)	510.99	Other	204	0.4746	0.4579	0.474	0.469	-0.19	0.4708	6	0.0107	0
CBG (%DW)	510.99	Other	183	0.4731	0.4747	0.4629	0.47	-0.06	0.4708	6	0.0107	0
CBG (%DW)	510.01	AOAC 2018.10	210	0.466	0.474	0.48	0.473	0.24	0.4708	6	0.0107	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%DW)	510.99	Other	162	0.4663	0.4672	0.4884	0.474	0.29	0.4708	6	0.0107	0
CBG (%DW)	510.99	Other	189	0.485	0.4856	0.4806	0.484	1.21	0.4708	6	0.0107	0
CBGA (%DW)												
CBGA (%DW)	511.99	Other	189	0.6168	0.6166	0.6091	0.614					0
CBGA (%DW)	511.99	Other	204	0.628	0.6088	0.6175	0.618					0
CBGA (%DW)	511.99	Other	183	0.6586	0.659	0.6552	0.658					0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.691	0.692	0.682	0.688					0
CBGA (%DW)	511.99	Other	162	0.7023	0.7725	0.7766	0.75					0
THCV (%DW)												
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130	<0.0130					1
THCV (%DW)	512.99	Other	183	0	0	0	0					2
THCV (%DW)	512.99	Other	189	0.0334	0.0314	0.0295	0.0314					0
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	102	<0.0210	<0.0203	<0.0189	<0.0210					1
Δ8-THC (%DW)	513.99	Other	183	0	0	0	0					2
Δ8-THC (%DW)	513.99	Other	189	0.0092	0.0096	0.0085	0.0091					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.029	0.028	0.031	0.0293					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBC (%DW)									
CBC (%DW)	514.99	Other	105	0.189	0.203	0.18	0.191					0
CBC (%DW)	514.99	Other	204	0.2032	0.197	0.1992	0.2					0
CBC (%DW)	514.99	Other	162	0.2109	0.2033	0.209	0.208					0
CBC (%DW)	514.99	Other	183	0.2121	0.2193	0.2206	0.217					0
CBC (%DW)	514.99	Other	189	0.2457	0.2482	0.2449	0.246					0

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

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

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