

Hemp Proficiency Testing

All Labs Trueness

HM25SEP-2 (Hemp)



Sample: HM25SEP-2 (Hemp)

All Labs Trueness

Issue Date: December 3, 2025

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	213	0.0427	0.047	0.0315	0.0404	-4.15	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.0584	0.042	0.0553	0.0519	-3.41	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.097	0.0812	0.0886	0.0889	-1.04	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.0968	0.0885	0.0812	0.0888	-1.04	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.0878	0.0935	0.0893	0.0902	-0.95	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.0934	0.0919	0.0903	0.0919	-0.85	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.097	0.095	0.09	0.094	-0.71	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	164	0.1002	0.0943	0.0934	0.096	-0.59	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.089	0.108	0.096	0.0977	-0.48	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.0948	0.0984	0.1002	0.0978	-0.47	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.106	0.105	0.086	0.099	-0.39	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.093	0.099	0.104	0.0987	-0.41	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	154	0.1001	0.0975	0.1032	0.1	-0.31	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.104	0.1026	0.0994	0.102	-0.2	0.1051	30	0.0156	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)	001.30	Other LC-MS	122	0.1043	0.1045	0.1043	0.104	-0.05	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1068	0.1028	0.1052	0.105	-0.01	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1023	0.1049	0.1082	0.105	0	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1053	0.1065	0.1055	0.106	0.04	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.107	0.105	0.105	0.106	0.04	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1055	0.1043	0.1071	0.106	0.03	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1076	0.1027	0.1189	0.11	0.3	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.30	Other LC-MS	190	0.1301	0.1034	0.1061	0.113	0.52	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1162	0.117	0.1207	0.118	0.82	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1204	0.1122	0.121	0.118	0.82	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.119	0.118	0.123	0.12	0.95	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.1211	0.1203	0.1212	0.121	1.01	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1066	0.1387	0.1381	0.128	1.45	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.136	0.1275	0.129	0.131	1.65	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.1395	0.1587	0.1339	0.144	2.49	0.1051	30	0.0156	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.1651	0.1699	0.1557	0.164	3.75	0.1051	30	0.0156	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ9-THCA (%AR)	002.10	Other LC-UV	173	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.10	Other LC-UV	163	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0200	<0.0200	<0.0200	<0.0200					1

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	184	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210	<0.0210					1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ9-THCA (%AR)	002.30	Other LC-MS	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ9-THCA (%AR)	002.10	Other LC-UV	170	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.30	Other LC-MS	122	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	213	<0.1000	<0.1000	<0.1000	<0.1000					1
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.005	0.005	0.0048	0.0049	-0.95	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0057	0.0054	0.0058	0.0056	-0.89	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0072	0.0068	0.0073	0.0071	-0.75	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0068	0.0074	0.0071	0.0071	-0.75	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0087	0.0084	0.0045	0.0072	-0.74	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.30	Other LC-MS	190	0.01	0.0102	0.0101	0.0101	-0.46	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0107	0.0096	0.0102	0.0102	-0.46	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.01	0.01	0.011	0.0103	-0.44	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0044	0.0123	0.0142	0.0103	-0.44	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.015	0.0128	0.0127	0.0135	-0.14	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	164	0.013	0.0121	0.0123	0.0125	-0.24	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0124	0.0105	0.0237	0.0155	0.05	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.024	0.022	0.019	0.0217	0.63	0.015	17	0.0106	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	189	0.0261	0.0283	0.0267	0.027	1.14	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.0289	0.0297	0.0311	0.0299	1.41	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.077	0.0789	0.0785	0.0781	5.98	0.015	17	0.0106	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.1001	0.0924	0.095	0.0958	7.66	0.015	17	0.0106	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	192	4.2092	4.0082	4.1833	4.13	-1.59	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	154	4.2745	4.308	4.3233	4.3	-1.34	5.1861	22	0.6609	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.5338	4.3375	4.2443	4.37	-1.23	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	213	4.515	4.449	4.334	4.43	-1.14	5.1861	22	0.6609	0
CBD (%AR)	003.01	AOAC 2018.10	152	4.8184	4.3947	4.5816	4.6	-0.89	5.1861	22	0.6609	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.4901	4.4768	4.9381	4.64	-0.83	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	173	4.659	4.572	4.867	4.7	-0.74	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	189	4.8875	4.9008	4.8907	4.89	-0.44	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	142	5.3568	5.3182	5.2376	5.3	0.18	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	149	5.936	4.977	5.006	5.31	0.18	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	116	5.2421	5.3374	5.3398	5.31	0.18	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	170	5.2878	5.3381	5.4497	5.36	0.26	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	184	5.351	5.425	5.348	5.37	0.29	5.1861	22	0.6609	0
CBD (%AR)	003.30	Other LC-MS	122	5.366	5.3663	5.3658	5.37	0.27	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	164	5.5682	5.2909	5.3093	5.39	0.31	5.1861	22	0.6609	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	5.465	5.485	5.4765	5.48	0.44	5.1861	22	0.6609	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)	003.30	Other LC-MS	149	6.274	4.679	5.781	5.58	0.59	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	183	5.737	5.619	5.762	5.71	0.79	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	106	5.5642	5.761	5.8405	5.72	0.81	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	204	5.7201	5.7571	5.981	5.82	0.96	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	163	6.0095	6.1679	6.0733	6.08	1.36	5.1861	22	0.6609	0
CBD (%AR)	003.10	Other LC-UV	144	6.2891	6.1237	6.2217	6.21	1.55	5.1861	22	0.6609	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	154	1.0455	1.0395	1.0429	1.04	-2.11	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	173	1.231	1.222	1.316	1.26	-1.37	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	213	1.331	1.297	1.23	1.29	-1.27	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	192	1.3071	1.2853	1.2985	1.3	-1.23	1.6541	21	0.2895	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	1.3586	1.3219	1.3552	1.35	-1.07	1.6541	21	0.2895	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	1.4437	1.388	1.5997	1.48	-0.61	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	142	1.5388	1.5216	1.4909	1.52	-0.47	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	116	1.5904	1.6071	1.5544	1.58	-0.24	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	189	1.6107	1.6096	1.6062	1.61	-0.16	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	149	1.608	1.66	1.673	1.65	-0.02	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	164	1.7988	1.6467	1.6429	1.7	0.15	1.6541	21	0.2895	0
CBDA (%AR)	004.30	Other LC-MS	149	2.166	1.572	1.61	1.78	0.44	1.6541	21	0.2895	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	1.829	1.85	1.849	1.84	0.65	1.6541	21	0.2895	0
CBDA (%AR)	004.30	Other LC-MS	122	1.8401	1.8407	1.8403	1.84	0.64	1.6541	21	0.2895	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	106	1.8456	1.8491	1.8482	1.85	0.67	1.6541	21	0.2895	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	1.985	1.8794	1.786	1.88	0.79	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	144	1.9327	1.8261	1.873	1.88	0.77	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	163	1.8988	1.9182	1.8606	1.89	0.82	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	183	1.933	1.901	1.93	1.92	0.92	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	184	2.062	1.95	1.803	1.94	0.98	1.6541	21	0.2895	0
CBDA (%AR)	004.10	Other LC-UV	204	1.9375	1.9549	2.0363	1.98	1.11	1.6541	21	0.2895	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	213	0.068	0.068	0.062	0.066	-1.87	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	192	0.0728	0.0757	0.0717	0.0734	-1.34	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	142	0.0805	0.0807	0.0771	0.0794	-0.91	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	149	0.079	0.083	0.083	0.0817	-0.75	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	154	0.0852	0.0828	0.0856	0.0845	-0.54	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	173	0.092	0.081	0.088	0.087	-0.37	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	144	0.0907	0.0863	0.0848	0.0873	-0.35	0.0921	20	0.014	0
CBN (%AR)	005.20	Other LC-MS	149	0.098	0.081	0.081	0.0867	-0.39	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	189	0.0891	0.0883	0.0877	0.0884	-0.27	0.0921	20	0.014	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0927	0.0822	0.0897	0.0882	-0.28	0.0921	20	0.014	0
CBN (%AR)	005.20	Other LC-MS	190	0.0876	0.0864	0.0918	0.0886	-0.25	0.0921	20	0.014	0
CBN (%AR)	005.30	GC-FID	116	0.0923	0.0908	0.0921	0.0917	-0.03	0.0921	20	0.014	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0905	0.092	0.0925	0.0917	-0.03	0.0921	20	0.014	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	204	0.0925	0.0963	0.0983	0.0957	0.26	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	183	0.098	0.098	0.1	0.0987	0.47	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	106	0.1017	0.1071	0.1098	0.106	1.01	0.0921	20	0.014	0
CBN (%AR)	005.10	Other LC-UV	116	0.1022	0.0998	0.1205	0.108	1.1	0.0921	20	0.014	0
CBN (%AR)	005.30	GC-FID	192	0.1087	0.1052	0.1121	0.109	1.18	0.0921	20	0.014	0
CBN (%AR)	005.30	GC-FID	138	0.111	0.12	0.118	0.116	1.73	0.0921	20	0.014	0
CBN (%AR)	005.30	GC-FID	163	0.1183	0.1209	0.1191	0.119	1.96	0.0921	20	0.014	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.0934	0.0919	0.0903	0.0919	-1.3	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.1044	0.0958	0.0852	0.0951	-1.15	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.0937	0.1	0.0955	0.0964	-1.09	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.089	0.108	0.096	0.0977	-1.03	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.106	0.105	0.086	0.099	-0.97	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.093	0.099	0.104	0.0987	-0.99	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	154	0.1001	0.0975	0.1032	0.1	-0.91	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1083	0.1071	0.0996	0.105	-0.69	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.107	0.105	0.105	0.106	-0.66	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1085	0.103	0.1054	0.106	-0.66	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	164	0.1116	0.1049	0.1042	0.107	-0.6	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1069	0.1082	0.1099	0.108	-0.53	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.119	0.114	0.106	0.113	-0.31	0.1197	32	0.0213	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	165	0.1062	0.1157	0.1207	0.114	-0.26	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.12	0.114	0.1163	0.117	-0.14	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1152	0.1153	0.1226	0.118	-0.09	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1179	0.1195	0.1204	0.119	-0.02	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1259	0.1113	0.1242	0.12	0.04	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.1185	0.1119	0.1397	0.123	0.17	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1225	0.123	0.1271	0.124	0.21	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1299	0.1213	0.1252	0.125	0.27	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.1261	0.1251	0.1262	0.126	0.29	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.1298	0.1206	0.1299	0.127	0.33	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.50	GC-MS	170	0.1258	0.1289	0.1287	0.128	0.38	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.128	0.126	0.132	0.129	0.42	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.1281	0.1313	0.1289	0.129	0.46	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1458	0.1498	0.1492	0.148	1.34	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1579	0.1494	0.1509	0.153	1.55	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.1694	0.1666	0.1633	0.166	2.19	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.1853	0.1807	0.1642	0.177	2.67	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2529	0.2509	0.239	0.248	5.99	0.1197	32	0.0213	0
Total Δ9-THC (%AR)	006.50	GC-MS	231	0.227	0.249	0.299	0.258	6.5	0.1197	32	0.0213	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	154	5.1914	5.2196	5.238	5.22	-1.77	6.8552	24	0.9247	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	
Total CBD (%AR)	007.10	Other LC-UV	192	5.3556	5.1353	5.3221	5.27	-1.71	6.8552	24	0.9247	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	6.0099	5.5539	5.7701	5.78	-1.16	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	173	5.738	5.643	6.021	5.8	-1.14	6.8552	24	0.9247	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	5.7562	5.6941	6.341	5.93	-1	6.8552	24	0.9247	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	6.2747	5.9857	5.8106	6.02	-0.9	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	189	6.3001	6.3124	6.2994	6.3	-0.6	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	149	6.347	6.433	6.473	6.42	-0.47	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	142	6.7063	6.6526	6.5451	6.63	-0.24	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	116	6.6369	6.7468	6.703	6.7	-0.17	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	164	7.1457	6.7351	6.7501	6.88	0.02	6.8552	24	0.9247	0
Total CBD (%AR)	007.40	GC-FID	169	7.051	6.93	6.932	6.97	0.13	6.8552	24	0.9247	0
Total CBD (%AR)	007.30	Other LC-MS	122	6.9798	6.9806	6.9797	6.98	0.14	6.8552	24	0.9247	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	7.069	7.1075	7.0981	7.09	0.26	6.8552	24	0.9247	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.174	6.058	7.194	7.14	0.31	6.8552	24	0.9247	0
Total CBD (%AR)	007.40	GC-FID	116	7.2437	7.0765	7.1257	7.15	0.32	6.8552	24	0.9247	0
Total CBD (%AR)	007.40	GC-FID	170	7.4253	7.1835	7.1222	7.24	0.42	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	183	7.433	7.286	7.454	7.39	0.58	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	204	7.4193	7.4715	7.7668	7.55	0.75	6.8552	24	0.9247	0
Total CBD (%AR)	007.40	GC-FID	192	7.688	7.1155	7.9544	7.59	0.79	6.8552	24	0.9247	0
Total CBD (%AR)	007.10	Other LC-UV	144	7.9845	7.7256	7.8647	7.86	1.08	6.8552	24	0.9247	0
Total CBD (%AR)	007.40	GC-FID	163	7.8593	7.9952	7.9147	7.92	1.15	6.8552	24	0.9247	0
Total CBD (%AR)	007.50	GC-MS	170	8.0189	7.8863	8.3285	8.08	1.32	6.8552	24	0.9247	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)	007.40	GC-FID	138	8.0128	8.2688	8.2012	8.16	1.41	6.8552	24	0.9247	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	189	0.0265	0.0253	0.0258	0.0259	-2.41	0.0503	7	0.0101	0
CBDV (%AR)	008.99	Other	106	0.0457	0.0462	0.0469	0.0463	-0.4	0.0503	7	0.0101	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.051	0.049	0.051	0.0503	0.01	0.0503	7	0.0101	0
CBDV (%AR)	008.99	Other	142	0.0489	0.0504	0.0516	0.0503	0	0.0503	7	0.0101	0
CBDV (%AR)	008.99	Other	149	0.056	0.047	0.049	0.0507	0.04	0.0503	7	0.0101	0
CBDV (%AR)	008.99	Other	154	0.0538	0.0533	0.0544	0.0538	0.35	0.0503	7	0.0101	0
CBDV (%AR)	008.99	Other	173	0.095	0.096	0.101	0.0973	4.64	0.0503	7	0.0101	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	154	<0.0150	<0.0150	<0.0150	<0.0150					1
CBDVA (%AR)	009.99	Other	149	0.032	<0.0250	0.027	0.028					0
CBDVA (%AR)	009.99	Other	142	0.0279	0.0287	0.0281	0.0282					0
CBDVA (%AR)	009.01	AOAC 2018.10	149	0.028	0.028	0.029	0.0283					0
CBDVA (%AR)	009.99	Other	173	0.039	0.04	0.039	0.0393					0
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.059	0.058	0.06	0.059					0

CBG (%AR)

CBG (%AR)	010.99	Other	154	0.2066	0.2097	0.2032	0.206	-1.59	0.2831	9	0.0481	0
CBG (%AR)	010.01	AOAC 2018.10	149	0.248	0.248	0.254	0.25	-0.69	0.2831	9	0.0481	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	142	0.2516	0.2533	0.2558	0.254	-0.61	0.2831	9	0.0481	0
CBG (%AR)	010.99	Other	173	0.271	0.242	0.258	0.257	-0.54	0.2831	9	0.0481	0
CBG (%AR)	010.99	Other	149	0.31	0.29	0.253	0.284	0.03	0.2831	9	0.0481	0
CBG (%AR)	010.99	Other	106	0.3047	0.3127	0.3199	0.312	0.61	0.2831	9	0.0481	0
CBG (%AR)	010.99	Other	189	0.2944	0.3388	0.3371	0.323	0.84	0.2831	9	0.0481	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.325	0.323	0.333	0.327	0.91	0.2831	9	0.0481	0
CBG (%AR)	010.99	Other	204	0.3227	0.3261	0.3382	0.329	0.96	0.2831	9	0.0481	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	154	0.0924	0.0909	0.0934	0.0922	-1.9	0.1474	9	0.0291	0
CBGA (%AR)	011.99	Other	142	0.1208	0.1239	0.1182	0.121	-0.91	0.1474	9	0.0291	0
CBGA (%AR)	011.99	Other	173	0.131	0.125	0.134	0.13	-0.6	0.1474	9	0.0291	0
CBGA (%AR)	011.01	AOAC 2018.10	149	0.146	0.146	0.15	0.147	0	0.1474	9	0.0291	0
CBGA (%AR)	011.99	Other	106	0.153	0.1439	0.1473	0.148	0.02	0.1474	9	0.0291	0
CBGA (%AR)	011.99	Other	149	0.167	0.148	0.14	0.152	0.15	0.1474	9	0.0291	0
CBGA (%AR)	011.99	Other	189	0.1698	0.1682	0.1683	0.169	0.74	0.1474	9	0.0291	0
CBGA (%AR)	011.99	Other	204	0.1728	0.1739	0.1801	0.176	0.97	0.1474	9	0.0291	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.18	0.182	0.179	0.18	1.13	0.1474	9	0.0291	0

THCV (%AR)

THCV (%AR)	012.02	AOAC 2018.11, U	183	<0.0010	<0.0010	<0.0010	<0.0010					1
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
THCV (%AR)	012.99	Other	173	0	0	0	0					2

Δ8-THC (%AR)

Δ8-THC (%AR)	013.02	AOAC 2018.11, U	183	<0.0010	<0.0010	<0.0010	<0.0010					1
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
Δ8-THC (%AR)	013.01	AOAC 2018.10	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ8-THC (%AR)	013.99	Other	173	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	189	0.0116	0.0119	0.012	0.0118					0
Δ8-THC (%AR)	013.99	Other	213	0.064	0.063	0.0517	0.0596					0
Δ8-THC (%AR)	013.99	Other	192	0.0759	0.0713	0.0816	0.0763					0
Δ8-THC (%AR)	013.99	Other	138	0.086	0.0761	0.0833	0.0818					0

CBC (%AR)

CBC (%AR)	014.99	Other	154	0.1795	0.1851	0.1789	0.181	-1.32	0.2268	9	0.0346	0
CBC (%AR)	014.99	Other	173	0.185	0.178	0.191	0.185	-1.22	0.2268	9	0.0346	0
CBC (%AR)	014.99	Other	142	0.215	0.2156	0.2118	0.214	-0.36	0.2268	9	0.0346	0
CBC (%AR)	014.01	AOAC 2018.10	149	0.211	0.218	0.215	0.215	-0.35	0.2268	9	0.0346	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	106	0.2326	0.2362	0.2378	0.236	0.25	0.2268	9	0.0346	0
CBC (%AR)	014.99	Other	149	0.261	0.231	0.224	0.239	0.34	0.2268	9	0.0346	0
CBC (%AR)	014.99	Other	204	0.2418	0.2433	0.2535	0.246	0.56	0.2268	9	0.0346	0
CBC (%AR)	014.99	Other	189	0.2562	0.2576	0.2536	0.256	0.84	0.2268	9	0.0346	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.27	0.266	0.274	0.27	1.25	0.2268	9	0.0346	0

Cd (ug/g AR)

Cd (ug/g AR)	101.03	ICP-OES	192	0.12	0.1	0.11	0.11	-3.38	0.1785	6	0.0203	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.164	0.168	0.164	0.165	-0.65	0.1785	6	0.0203	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.193	0.19	0.172	0.185	0.32	0.1785	6	0.0203	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.1807	0.1907	0.1995	0.19	0.58	0.1785	6	0.0203	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1935	0.1846	0.1926	0.19	0.58	0.1785	6	0.0203	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1904	0.189	0.1969	0.192	0.67	0.1785	6	0.0203	0
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	0.2059	0.202					1

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	106	<0.0830	<0.0830	<0.0830	<0.0830					1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.03	ICP-OES	192	<0.8000	<0.8000	<0.8000	<0.8000					1
As (ug/g AR)	102.04	ICP-MS	142	0.055	0.041	0.0449	0.047					0
As (ug/g AR)	102.04	ICP-MS	141	<0.0600	<0.0600	0.061	0.0603					1
As (ug/g AR)	102.04	ICP-MS	102	0.0632	0.0565	0.0634	0.061					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	183	0.076	0.082	0.08	0.0793					0
Hg (ug/g AR)												
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	183	<0.0120	<0.0120	<0.0120	<0.0120					1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0600	<0.0600	<0.0600	<0.0600					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.03	ICP-OES	192	0	0	0	0					2
Hg (ug/g AR)	103.04	ICP-MS	142	0.0081	0.0087	0.0084	0.0084					0
Hg (ug/g AR)	103.99	Other	102	0.0096	0.0097	0.0099	0.0097					0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	102	0.207	0.2031	0.2172	0.209	-1.18	0.3581	7	0.1268	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.2802	0.2943	0.2983	0.291	-0.53	0.3581	7	0.1268	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.2959	0.3337	0.3014	0.31	-0.38	0.3581	7	0.1268	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.292	0.306	0.35	0.316	-0.33	0.3581	7	0.1268	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.332	0.509	0.329	0.39	0.25	0.3581	7	0.1268	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.3376	0.5665	0.4225	0.442	0.66	0.3581	7	0.1268	0
Pb (ug/g AR)	104.03	ICP-OES	192	0.52	0.54	1.25	0.77	3.25	0.3581	7	0.1268	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	142	14.4796	15.0174	15.0775	14.9					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	142	1.1626	1.2118	1.1732	1.18					0
Ni (ug/g AR)	106.04	ICP-MS	141	1.47	1.51	1.46	1.48					0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	142	0.703	0.4538	0.3939	0.517					0
Cr (ug/g AR)	107.04	ICP-MS	141	0.821	0.784	0.862	0.822					0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	141	<1.2000	<1.2000	<1.2000	<1.2000					1
Se (ug/g AR)	108.04	ICP-MS	142	0.0996	0.1	0.1023	0.101					0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	0.0162	0.0123	0.0109	0.0131					0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	141	57.9	60.7	57.8	58.8					0
Zn (ug/g AR)	111.04	ICP-MS	142	59.3583	59.9258	62.7602	60.7					0
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0305	0.0342	0.0316	0.0321					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.104	0.102	0.1	0.102					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	1030	1060	997	1029					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0352	0.0397	0.0395	0.0381					0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.047	0.047	0.045	0.0463					0
beta-Caryophyllene (%)	202.01	GC,FID	142	533	554	520	536					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.02	0.021	0.021	0.0207					0
(-)-Caryophyllene oxide	203.01	GC,FID	142	225	232	219	225					0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					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	162	0.0151	0.018	0.0178	0.017					0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.019	0.019	0.019	0.019					0
alpha-Humulene (%AR)	205.01	GC,FID	142	214	240	227	227					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Moisture (%AR)												
Moisture (%AR)	500.70	Commerc. Anal.	153	4.89	4.86	4.93	4.89	-1.34	7.0132	13	1.5842	0
Moisture (%AR)	500.70	Commerc. Anal.	189	5.604	5.604	5.604	5.6	-0.89	7.0132	13	1.5842	0
Moisture (%AR)	500.99	Other	142	5.84	5.81	5.87	5.84	-0.74	7.0132	13	1.5842	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.11	6.04	6.16	6.1	-0.57	7.0132	13	1.5842	0
Moisture (%AR)	500.99	Other	102	6.1	6	6.5	6.2	-0.51	7.0132	13	1.5842	0
Moisture (%AR)	500.99	Other	103	6.29	6.14	6.31	6.25	-0.48	7.0132	13	1.5842	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.77	6.89	6.74	6.8	-0.13	7.0132	13	1.5842	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)	500.99	Other	165	7.5061	7.4582	7.2612	7.41	0.25	7.0132	13	1.5842	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.21	7.69	7.46	7.45	0.28	7.0132	13	1.5842	0
Moisture (%AR)	500.50	AOAC 930.15	210	7.364	7.825	7.764	7.65	0.4	7.0132	13	1.5842	0
Moisture (%AR)	500.70	Commerc. Anal.	162	7.84	8	8.74	8.19	0.74	7.0132	13	1.5842	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.17	9.6404	9.4329	9.41	1.52	7.0132	13	1.5842	0
Moisture (%AR)	500.50	AOAC 930.15	192	10.7845	10.5468	10.3085	10.5	2.23	7.0132	13	1.5842	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	142	0.1104	0.109	0.1013	0.107	-0.82	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.10	Other LC-UV	154	0.1067	0.104	0.1101	0.107	-0.82	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.112	0.11	0.112	0.111	-0.43	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.1115	0.1128	0.1117	0.112	-0.38	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.114	0.112	0.112	0.113	-0.32	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.1106	0.1134	0.1167	0.114	-0.24	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1146	0.1094	0.1266	0.117	0.05	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.1314	0.1291	0.1392	0.133	1.49	0.1163	9	0.0114	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.1497	0.1411	0.1424	0.144	2.48	0.1163	9	0.0114	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.10	Other LC-UV	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0210	<0.0210	<0.0210	<0.0210					1

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)	502.10	Other LC-UV	154	<0.0210	<0.0210	<0.0210	<0.0210					1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.0053	0.0053	0.0051	0.0052					0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0048	0.0133	0.0153	0.0111					0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0133	0.0112	0.0253	0.0166					0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0276	0.03	0.0283	0.0286					0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	154	4.5578	4.5935	4.6098	4.59	-1.76	5.6349	7	0.5959	0
CBD (%DW)	503.10	Other LC-UV	189	5.1776	5.1917	5.1811	5.18	-0.76	5.6349	7	0.5959	0
CBD (%DW)	503.10	Other LC-UV	142	5.689	5.6463	5.5643	5.63	0	5.6349	7	0.5959	0
CBD (%DW)	503.10	Other LC-UV	116	5.5844	5.6859	5.6885	5.65	0.03	5.6349	7	0.5959	0
CBD (%DW)	503.10	Other LC-UV	162	5.8588	5.9674	5.9231	5.92	0.47	5.6349	7	0.5959	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	6.0167	6.0702	6.0469	6.04	0.69	5.6349	7	0.5959	0
CBD (%DW)	503.01	AOAC 2018.10	210	6.475	6.182	6.161	6.27	1.07	5.6349	7	0.5959	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	154	1.1148	1.1083	1.1121	1.11	-1.98	1.7538	7	0.3247	0
CBDA (%DW)	504.10	Other LC-UV	142	1.6342	1.6154	1.5838	1.61	-0.44	1.7538	7	0.3247	0
CBDA (%DW)	504.10	Other LC-UV	116	1.6943	1.7121	1.6559	1.69	-0.2	1.7538	7	0.3247	0
CBDA (%DW)	504.10	Other LC-UV	189	1.7063	1.7051	1.7016	1.7	-0.15	1.7538	7	0.3247	0
CBDA (%DW)	504.10	Other LC-UV	162	1.7736	1.8675	1.8904	1.84	0.28	1.7538	7	0.3247	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)	504.02	AOAC 2018.11, U	199	2.0137	2.0474	2.0416	2.03	0.86	1.7538	7	0.3247	0
CBDA (%DW)	504.01	AOAC 2018.10	210	2.146	2.129	2.112	2.13	1.16	1.7538	7	0.3247	0

CBN (%DW)

CBN (%DW)	505.10	Other LC-UV	192	0.0811	0.0849	0.0802	0.0821	-1.16	0.0977	9	0.0135	0
CBN (%DW)	505.10	Other LC-UV	142	0.0855	0.0857	0.0819	0.0844	-0.99	0.0977	9	0.0135	0
CBN (%DW)	505.10	Other LC-UV	154	0.0909	0.0883	0.0913	0.0902	-0.56	0.0977	9	0.0135	0
CBN (%DW)	505.10	Other LC-UV	189	0.0943	0.0935	0.0929	0.0936	-0.31	0.0977	9	0.0135	0
CBN (%DW)	505.30	GC-FID	116	0.0984	0.0967	0.0981	0.0977	0	0.0977	9	0.0135	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0996	0.1018	0.1021	0.101	0.26	0.0977	9	0.0135	0
CBN (%DW)	505.10	Other LC-UV	162	0.0981	0.1022	0.1018	0.101	0.22	0.0977	9	0.0135	0
CBN (%DW)	505.10	Other LC-UV	116	0.1089	0.1063	0.1205	0.112	1.05	0.0977	9	0.0135	0
CBN (%DW)	505.30	GC-FID	192	0.1218	0.1176	0.125	0.121	1.76	0.0977	9	0.0135	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	154	0.1067	0.104	0.1101	0.107	-1.44	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.1151	0.1137	0.1058	0.112	-1.08	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.114	0.112	0.112	0.113	-0.99	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.1139	0.1153	0.117	0.115	-0.78	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.123	0.121	0.123	0.122	-0.24	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.1148	0.125	0.1301	0.123	-0.16	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.1241	0.1256	0.1266	0.125	0	0.1254	13	0.0128	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)	506.10	Other LC-UV	116	0.1263	0.1192	0.1488	0.131	0.47	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.40	GC-FID	192	0.1292	0.1288	0.1367	0.132	0.48	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1314	0.1291	0.1392	0.133	0.61	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1403	0.1247	0.1389	0.135	0.72	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.1358	0.1391	0.1365	0.137	0.91	0.1254	13	0.0128	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.1716	0.163	0.1643	0.166	3.18	0.1254	13	0.0128	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	154	5.5355	5.5655	5.5851	5.56	-1.56	7.1971	10	1.0484	0
Total CBD (%DW)	507.10	Other LC-UV	192	5.9711	5.7561	5.9496	5.89	-1.24	7.1971	10	1.0484	0
Total CBD (%DW)	507.10	Other LC-UV	189	6.6741	6.6871	6.6734	6.68	-0.49	7.1971	10	1.0484	0
Total CBD (%DW)	507.10	Other LC-UV	142	7.1222	7.063	6.9533	7.05	-0.14	7.1971	10	1.0484	0
Total CBD (%DW)	507.10	Other LC-UV	116	7.0703	7.1874	7.1407	7.13	-0.06	7.1971	10	1.0484	0
Total CBD (%DW)	507.10	Other LC-UV	162	7.4142	7.6052	7.5809	7.53	0.32	7.1971	10	1.0484	0
Total CBD (%DW)	507.40	GC-FID	116	7.7167	7.5386	7.5911	7.62	0.4	7.1971	10	1.0484	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	7.7827	7.865	7.8374	7.83	0.6	7.1971	10	1.0484	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	8.357	8.049	8.013	8.14	0.9	7.1971	10	1.0484	0
Total CBD (%DW)	507.40	GC-FID	192	8.6173	7.9544	8.8687	8.48	1.22	7.1971	10	1.0484	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	189	0.0281	0.0268	0.0274	0.0274					0
CBDV (%DW)	508.99	Other	162	0.0482	0.0489	0.046	0.0477					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDV (%DW)	508.99	Other	142	0.052	0.0535	0.0549	0.0535					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.055	0.054	0.052	0.0537					0
CBDV (%DW)	508.99	Other	154	0.0574	0.0568	0.058	0.0574					0
CBDVA (%DW)												
CBDVA (%DW)	509.99	Other	154	<0.0150	<0.0150	<0.0150	<0.0150					1
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.019	0.013	0.016	0.016					0
CBDVA (%DW)	509.99	Other	142	0.0297	0.0304	0.0299	0.03					0
CBG (%DW)												
CBG (%DW)	510.99	Other	154	0.2203	0.2235	0.2167	0.22					0
CBG (%DW)	510.99	Other	142	0.2672	0.2689	0.2717	0.269					0
CBG (%DW)	510.01	AOAC 2018.10	210	0.274	0.287	0.305	0.289					0
CBG (%DW)	510.99	Other	162	0.3106	0.3261	0.2985	0.312					0
CBG (%DW)	510.99	Other	189	0.3119	0.3589	0.3572	0.343					0
CBGA (%DW)												
CBGA (%DW)	511.01	AOAC 2018.10	210	0.088	0.089	0.073	0.0833					0
CBGA (%DW)	511.99	Other	154	0.0985	0.0969	0.0996	0.0983					0
CBGA (%DW)	511.99	Other	142	0.1283	0.1315	0.1255	0.128					0
CBGA (%DW)	511.99	Other	162	0.1665	0.1679	0.169	0.168					0
CBGA (%DW)	511.99	Other	189	0.1799	0.1782	0.1783	0.179					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
THCV (%DW)												
THCV (%DW)	512.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%DW)	512.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ8-THC (%DW)	513.99	Other	189	0.0123	0.0127	0.0128	0.0126					0
Δ8-THC (%DW)	513.99	Other	192	0.0851	0.0797	0.0909	0.0852					0
CBC (%DW)												
CBC (%DW)	514.99	Other	154	0.1914	0.1974	0.1907	0.193					0
CBC (%DW)	514.99	Other	142	0.2283	0.2289	0.225	0.227					0
CBC (%DW)	514.99	Other	162	0.2441	0.2519	0.2527	0.25					0
CBC (%DW)	514.99	Other	189	0.2715	0.2729	0.2687	0.271					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.