

Hemp Proficiency Testing

All Labs Trueness

HM24SEP-2 (hemp)



Sample: HM24SEP-2 (hemp)

All Labs Trueness

Issue Date: November 11, 2024

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Δ9-THC (%AR)									
Δ9-THC (%AR)	001.30	Other LC-MS	122	<0.5000	<0.5000	<0.5000	<0.5000					1
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.0602	0.0601	0.0600	0.0601	-3.49	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1070	0.0988	0.1009	0.102	-1.57	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.0000	0.1585	0.1578	0.105	-1.43	0.1367	32	0.022	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1153	0.1035	0.1003	0.106	-1.38	0.1367	32	0.022	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.1145	0.1102	0.1108	0.112	-1.13	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.1100	0.1200	0.1200	0.117	-0.91	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1150	0.1192	0.1237	0.119	-0.79	0.1367	32	0.022	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.1234	0.1257	0.1153	0.121	-0.7	0.1367	32	0.022	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.1260	0.1290	0.1250	0.127	-0.46	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.1330	0.1280	0.1270	0.129	-0.34	0.1367	32	0.022	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.1400	0.1250	0.1270	0.131	-0.28	0.1367	32	0.022	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.1320	0.1320	0.1320	0.132	-0.22	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1289	0.1389	0.1340	0.134	-0.13	0.1367	32	0.022	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	155	0.1410	0.1380	0.1250	0.135	-0.09	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1383	0.1338	0.1336	0.135	-0.07	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1387	0.1370	0.1367	0.137	0.03	0.1367	32	0.022	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1407	0.1364	0.1340	0.137	0.01	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1382	0.1358	0.1397	0.138	0.05	0.1367	32	0.022	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.1420	0.1318	0.1389	0.138	0.04	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1378	0.1379	0.1409	0.139	0.1	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.1410	0.1433	0.1388	0.141	0.2	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1454	0.1445	0.1446	0.145	0.37	0.1367	32	0.022	0
Δ9-THC (%AR)	001.99	Other	183	0.1479	0.1441	0.1471	0.146	0.44	0.1367	32	0.022	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.1497	0.1474	0.1523	0.15	0.59	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1365	0.1650	0.1570	0.153	0.73	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.1540	0.1550	0.1490	0.153	0.73	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1536	0.1522	0.1578	0.155	0.81	0.1367	32	0.022	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.1650	<0.1540	<0.1540	0.158					1
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.1611	0.1611	0.1573	0.16	1.05	0.1367	32	0.022	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.1640	0.1655	0.1650	0.165	1.28	0.1367	32	0.022	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1776	0.1640	0.1944	0.179	1.91	0.1367	32	0.022	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1983	0.1904	0.1905	0.193	2.57	0.1367	32	0.022	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	228	0.2004	0.1998	0.1929	0.198	2.78	0.1367	32	0.022	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)									
Δ9-THCA (%AR)	002.10	Other LC-UV	163	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.10	Other LC-UV	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)	002.30	Other LC-MS	102	<0.0480	<0.0490	<0.0480	<0.0480					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0483	<0.0469	<0.0483	<0.0483					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)	002.30	Other LC-MS	122	<0.5000	<0.5000	<0.5000	<0.5000					1
Δ9-THCA (%AR)	002.10	Other LC-UV	213	0.0061	0.0059	0.0063	0.0061	-2.86	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0204	0.0167	0.0142	0.0171	-1.66	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0207	0.0207	0.0217	0.021	-1.24	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0250	0.0252	0.0221	0.0241	-0.91	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0260	0.0224	0.0300	0.0261	-0.69	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0253	0.0291	0.0271	0.0272	-0.57	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0274	0.0287	0.0270	0.0277	-0.52	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0310	0.0257	0.0290	0.0286	-0.42	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0296	0.0278	0.0289	0.0288	-0.4	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	<0.0300	<0.0300	0.0300	0.03					1
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0341	0.0193	0.0357	0.0297	-0.3	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0311	0.0320	0.0302	0.0311	-0.15	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0319	0.0331	0.0333	0.0328	0.03	0.0325	23	0.0092	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)	002.99	Other	183	0.0345	0.0338	0.0353	0.0345	0.22	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	183	0.0350	0.0341	0.0353	0.0348	0.25	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.0440	0.0330	0.0290	0.0353	0.31	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0425	0.0404	0.0211	0.0347	0.24	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0363	0.0376	0.0335	0.0358	0.36	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0379	0.0384	0.0382	0.0382	0.62	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.0435	0.0345	0.0394	0.0391	0.72	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.0470	0.0440	0.0390	0.0433	1.18	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0379	0.0298	0.0641	0.0439	1.24	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.2273	0.0000	0.0000	0.0758	4.69	0.0325	23	0.0092	0
Δ9-THCA (%AR)	002.10	Other LC-UV	173	<0.1550	<0.1540	0.0000	0.103					1
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.1389	0.1250	0.1184	0.127	10.29	0.0325	23	0.0092	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	173	4.0600	3.7900	3.8730	3.91	-1.56	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	149	3.8560	3.9580	3.9440	3.92	-1.53	4.6033	25	0.4465	0
CBD (%AR)	003.01	AOAC 2018.10	228	4.0078	4.0128	4.0009	4.01	-1.33	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	155	4.0700	4.1200	3.9400	4.04	-1.25	4.6033	25	0.4465	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.2798	4.0807	4.0285	4.13	-1.06	4.6033	25	0.4465	0
CBD (%AR)	003.30	Other LC-MS	149	4.2370	4.3870	4.1560	4.26	-0.77	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	196	4.2711	4.5391	4.2866	4.37	-0.53	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	184	4.4215	4.3321	4.4416	4.4	-0.46	4.6033	25	0.4465	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)	003.02	AOAC 2018.11, U	103	4.3318	4.5149	4.3911	4.41	-0.43	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	189	4.5735	4.5673	4.5750	4.57	-0.07	4.6033	25	0.4465	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.5433	4.4266	4.7895	4.59	-0.04	4.6033	25	0.4465	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.6101	4.8279	4.4691	4.64	0.07	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	170	4.6373	4.8409	4.5174	4.67	0.14	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	183	4.7799	4.7198	4.6984	4.73	0.29	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	141	4.5943	4.6190	5.1212	4.78	0.39	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	106	4.6800	4.8700	4.8000	4.78	0.4	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	197	4.7932	4.8244	4.7826	4.8	0.44	4.6033	25	0.4465	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.7080	4.8350	4.8995	4.81	0.47	4.6033	25	0.4465	0
CBD (%AR)	003.99	Other	183	4.8819	4.7907	4.8007	4.82	0.5	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	116	4.7869	4.7544	4.9038	4.82	0.47	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	163	4.9000	4.9000	4.9000	4.9	0.66	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	144	5.0030	4.8186	5.3966	5.07	1.05	4.6033	25	0.4465	0
CBD (%AR)	003.30	Other LC-MS	164	5.0805	5.1536	5.0671	5.1	1.11	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	213	5.3400	5.2220	5.1720	5.24	1.44	4.6033	25	0.4465	0
CBD (%AR)	003.10	Other LC-UV	192	6.6752	7.3058	6.1795	6.72	4.74	4.6033	25	0.4465	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	173	2.1440	1.9690	2.0500	2.05	-1.89	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	155	2.3300	2.3100	2.1400	2.26	-1.33	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	163	2.3300	2.3600	2.3500	2.35	-1.09	2.7468	22	0.3669	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.30	Other LC-MS	149	2.2960	2.3760	2.5800	2.42	-0.9	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	149	2.4250	2.4650	2.4680	2.45	-0.8	2.7468	22	0.3669	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.5207	2.5010	2.5312	2.52	-0.62	2.7468	22	0.3669	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	2.5252	2.5770	2.6022	2.57	-0.49	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	196	2.5555	2.6863	2.5460	2.6	-0.41	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	197	2.6783	2.7587	2.6512	2.7	-0.14	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	213	2.7340	2.6900	2.7060	2.71	-0.1	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	189	2.7201	2.7159	2.7209	2.72	-0.08	2.7468	22	0.3669	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	2.7516	2.8227	2.6684	2.75	0	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	106	2.7100	2.7800	2.8100	2.77	0.05	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	116	2.8307	2.7744	2.7682	2.79	0.12	2.7468	22	0.3669	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	2.7975	2.8255	2.8050	2.81	0.17	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	141	2.7997	2.7410	2.9971	2.85	0.27	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	184	2.9388	2.9554	2.8584	2.92	0.47	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	144	3.0096	2.9633	3.1908	3.05	0.84	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	183	3.1511	3.1181	3.1065	3.13	1.03	2.7468	22	0.3669	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.5560	3.2987	3.6937	3.52	2.1	2.7468	22	0.3669	0
CBDA (%AR)	004.10	Other LC-UV	192	3.4919	4.0959	3.2800	3.62	2.39	2.7468	22	0.3669	0
CBDA (%AR)	004.30	Other LC-MS	164	4.8172	4.2628	4.2028	4.43	4.58	2.7468	22	0.3669	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	197	<0.0725	<0.0704	<0.0725	<0.0725					1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%AR)	005.10	Other LC-UV	173	<0.1550	<0.1540	<0.1540	<0.1550					1
CBN (%AR)	005.10	Other LC-UV	149	0.0490	0.0480	0.0500	0.049	-1.14	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	196	0.0498	0.0520	0.0494	0.0504	-1.01	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	213	0.0500	0.0510	0.0510	0.0507	-0.99	0.062	19	0.0115	0
CBN (%AR)	005.20	Other LC-MS	149	0.0590	0.0530	0.0450	0.0523	-0.85	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	144	0.0533	0.0535	0.0543	0.0537	-0.73	0.062	19	0.0115	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0575	0.0517	0.0521	0.0538	-0.72	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	141	0.0543	0.0580	0.0591	0.0571	-0.43	0.062	19	0.0115	0
CBN (%AR)	005.99	Other	183	0.0614	0.0552	0.0573	0.058	-0.36	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	192	0.0000	0.0846	0.0910	0.0585	-0.31	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	189	0.0586	0.0597	0.0584	0.0589	-0.27	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	183	0.0596	0.0589	0.0596	0.0594	-0.23	0.062	19	0.0115	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0600	0.0625	0.0610	0.0612	-0.08	0.062	19	0.0115	0
CBN (%AR)	005.30	GC-FID	116	0.0659	0.0688	0.0658	0.0668	0.42	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	106	0.0700	0.0700	0.0700	0.07	0.69	0.062	19	0.0115	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0710	0.0724	0.0655	0.0696	0.66	0.062	19	0.0115	0
CBN (%AR)	005.10	Other LC-UV	116	0.0716	0.0737	0.0743	0.0732	0.97	0.062	19	0.0115	0
CBN (%AR)	005.30	GC-FID	138	0.0665	0.0887	0.0780	0.0777	1.37	0.062	19	0.0115	0
CBN (%AR)	005.30	GC-FID	163	0.0830	0.0830	0.0810	0.0823	1.77	0.062	19	0.0115	0
CBN (%AR)	005.30	GC-FID	192	0.0839	0.0961	0.0894	0.0898	2.42	0.062	19	0.0115	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)									
Total Δ9-THC (%AR)	006.10	Other LC-UV	213	0.0628	0.0627	0.0625	0.0627	-4.24	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1249	0.1135	0.1134	0.117	-2.01	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1150	0.1192	0.1237	0.119	-1.93	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.1304	0.1211	0.1270	0.126	-1.65	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.1327	0.1284	0.1298	0.13	-1.48	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1381	0.1596	0.1455	0.148	-0.77	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.1530	0.1480	0.1470	0.149	-0.7	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.1490	0.1490	0.1490	0.149	-0.72	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1508	0.1610	0.1533	0.155	-0.47	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1591	0.1574	0.1520	0.156	-0.42	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1705	0.1428		0.157	-0.4	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1440	0.1735	0.1582	0.159	-0.33	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.1628	0.1551		0.159	-0.31	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.1566	0.1518	0.1715	0.16	-0.27	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1760	0.1500	0.1564	0.161	-0.24	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.1636	0.1629	0.1607	0.162	-0.17	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.1790	0.1540	0.1520	0.162	-0.2	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.1679	0.1561	0.1642	0.163	-0.16	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.1659	0.1595	0.1622	0.163	-0.16	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.1670	0.1680	0.1590	0.165	-0.08	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.1651	0.1660	0.1674	0.166	-0.02	0.1666	38	0.0245	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	0.1780	0.1719	0.1522	0.167	0.03	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.1662	0.1648	0.1689	0.167	0	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.1790	0.1680	0.1590	0.169	0.09	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.1752	0.1614	0.1759	0.171	0.17	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1993	0.1585	0.1578	0.172	0.22	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.99	Other	183	0.1781	0.1738	0.1780	0.177	0.41	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.2036	0.1843	0.1510	0.18	0.53	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.1816	0.1804	0.1817	0.181	0.6	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.50	GC-MS	170	0.1690	0.1754	0.1980	0.181	0.58	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1859	0.1874	0.1869	0.187	0.82	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.1918	0.1910	0.1883	0.19	0.97	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.1900	0.1900	0.1960	0.192	1.04	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2004	0.1836	0.2207	0.202	1.43	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2315	0.2241	0.2241	0.227	2.45	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2322	0.2201	0.2502	0.234	2.76	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.2583	0.2740	0.2608	0.264	3.99	0.1666	38	0.0245	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.4020	0.3720	0.4120	0.395	9.33	0.1666	38	0.0245	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	173	5.9403	5.5168	5.6709	5.71	-1.63	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	149	5.9830	6.1200	6.1080	6.07	-1.25	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	155	6.1100	6.2400	5.9600	6.1	-1.22	7.2794	24	0.9634	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)	007.30	Other LC-MS	149	6.2510	6.4710	6.4190	6.38	-0.93	7.2794	24	0.9634	0
Total CBD (%AR)	007.40	GC-FID	169	6.3290	6.4620	6.3920	6.39	-0.92	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	196	6.5123	6.8950	6.5195	6.64	-0.66	7.2794	24	0.9634	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	6.5464	6.7749	6.6732	6.66	-0.64	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	189	6.9590	6.9492	6.9612	6.96	-0.34	7.2794	24	0.9634	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	7.0233	7.3033	6.8093	7.05	-0.24	7.2794	24	0.9634	0
Total CBD (%AR)	007.40	GC-FID	192	6.9566	7.5679	6.6380	7.05	-0.23	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	197	7.1421	7.2438	7.1077	7.16	-0.12	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	116	7.2695	7.1875	7.3314	7.26	-0.02	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	141	7.0496	7.0230	7.7497	7.27	-0.01	7.2794	24	0.9634	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	7.1614	7.3130	7.3595	7.28	0	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	183	7.5434	7.4544	7.4227	7.47	0.2	7.2794	24	0.9634	0
Total CBD (%AR)	007.40	GC-FID	116	7.4572	7.3210	7.8472	7.54	0.27	7.2794	24	0.9634	0
Total CBD (%AR)	007.40	GC-FID	170	7.3106	7.3881	8.1695	7.62	0.36	7.2794	24	0.9634	0
Total CBD (%AR)	007.40	GC-FID	163	7.6000	7.5600	7.7100	7.62	0.36	7.2794	24	0.9634	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	7.6619	7.3196	8.0289	7.67	0.41	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	144	7.6430	7.4180	8.1956	7.75	0.49	7.2794	24	0.9634	0
Total CBD (%AR)	007.40	GC-FID	138	8.4776	8.8145	8.9560	8.75	1.53	7.2794	24	0.9634	0
Total CBD (%AR)	007.50	GC-MS	170	8.6887	8.5791	9.0421	8.77	1.55	7.2794	24	0.9634	0
Total CBD (%AR)	007.30	Other LC-MS	164	9.3052	8.8921	8.7530	8.98	1.77	7.2794	24	0.9634	0
Total CBD (%AR)	007.10	Other LC-UV	192	9.7376	10.8979	9.0560	9.9	2.72	7.2794	24	0.9634	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)									
CBDV (%AR)	008.99	Other	197	<0.0483	<0.0469	<0.0483	<0.0483					1
CBDV (%AR)	008.99	Other	173	<0.1550	<0.1540	<0.1540	<0.1550					1
CBDV (%AR)	008.99	Other	196	0.0254	0.0272	0.0248	0.0258	-1.12	0.0354	6	0.0085	0
CBDV (%AR)	008.99	Other	189	0.0321	0.0316	0.0278	0.0305	-0.57	0.0354	6	0.0085	0
CBDV (%AR)	008.99	Other	149	0.0390	0.0310	0.0350	0.035	-0.05	0.0354	6	0.0085	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.0367	0.0356	0.0348	0.0357	0.04	0.0354	6	0.0085	0
CBDV (%AR)	008.99	Other	183	0.0377	0.0377	0.0361	0.0372	0.21	0.0354	6	0.0085	0
CBDV (%AR)	008.99	Other	106	0.0600	0.0600	0.0500	0.0567	2.49	0.0354	6	0.0085	0
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBDVA (%AR)	009.99	Other	197	<0.0483	<0.0469	<0.0483	<0.0483					1
CBDVA (%AR)	009.99	Other	173	<0.1550	<0.1540	<0.1540	<0.1550					1
CBDVA (%AR)	009.02	AOAC 2018.11, U	183	0.0330	0.0320	0.0330	0.0327					0
CBDVA (%AR)	009.99	Other	149	0.0370	0.0350	0.0340	0.0353					0
			CBG (%AR)									
CBG (%AR)	010.99	Other	197	0.1314	0.1249	0.1256	0.127	-1.34	0.1856	11	0.0437	0
CBG (%AR)	010.99	Other	196	0.1403	0.1495	0.1425	0.144	-0.95	0.1856	11	0.0437	0
CBG (%AR)	010.99	Other	149	0.1480	0.1430	0.1470	0.146	-0.91	0.1856	11	0.0437	0
CBG (%AR)	010.99	Other	106	0.1600	0.1700	0.1600	0.163	-0.51	0.1856	11	0.0437	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	173	0.2090	0.1620	0.1780	0.183	-0.06	0.1856	11	0.0437	0
CBG (%AR)	010.99	Other	183	0.2068	0.1863	0.1899	0.194	0.2	0.1856	11	0.0437	0
CBG (%AR)	010.99	Other	189	0.1944	0.1948	0.1958	0.195	0.21	0.1856	11	0.0437	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.1977	0.1955	0.1958	0.196	0.25	0.1856	11	0.0437	0
CBG (%AR)	010.99	Other	141	0.2169	0.1710	0.2226	0.204	0.41	0.1856	11	0.0437	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.2390	0.2319	0.2428	0.238	1.2	0.1856	11	0.0437	0
CBG (%AR)	010.99	Other	155	0.3000	0.2751	0.2752	0.283	2.24	0.1856	11	0.0437	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	173	<0.1550	<0.1540	<0.1540	<0.1550					1
CBGA (%AR)	011.99	Other	149	0.1010	0.0970	0.1200	0.106	-1.14	0.1339	8	0.0245	0
CBGA (%AR)	011.99	Other	106	0.1100	0.1100	0.1100	0.11	-0.97	0.1339	8	0.0245	0
CBGA (%AR)	011.99	Other	196	0.1238	0.1151	0.1210	0.12	-0.57	0.1339	8	0.0245	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.1348	0.1371	0.1271	0.133	-0.03	0.1339	8	0.0245	0
CBGA (%AR)	011.99	Other	189	0.1381	0.1399	0.1390	0.139	0.21	0.1339	8	0.0245	0
CBGA (%AR)	011.99	Other	197	0.1420	0.1408	0.1411	0.141	0.3	0.1339	8	0.0245	0
CBGA (%AR)	011.02	AOAC 2018.11, U	183	0.1528	0.1503	0.1499	0.151	0.7	0.1339	8	0.0245	0
CBGA (%AR)	011.99	Other	141	0.2002	0.1810	0.2100	0.197	2.58	0.1339	8	0.0245	0

THCV (%AR)

THCV (%AR)	012.02	AOAC 2018.11, U	183	<0.0020	<0.0020	<0.0020	<0.0020					1
THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					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	183	<0.0200	<0.0200	<0.0200	<0.0200					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
THCV (%AR)	012.99	Other	197	<0.0483	<0.0469	<0.0483	<0.0483					1
THCV (%AR)	012.99	Other	173	0.0000	0.0000	0.0000	0					0

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)	013.03	AOAC 2018.11, M	139	<0.0125	<0.0125	<0.0125	<0.0125					1
Δ8-THC (%AR)	013.99	Other	183	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ8-THC (%AR)	013.99	Other	197	<0.0483	<0.0469	<0.0483	<0.0483					1
Δ8-THC (%AR)	013.99	Other	141	0.0000	0.0000	0.0000	0	-0.77	0.0847	6	0.1097	0
Δ8-THC (%AR)	013.99	Other	173	0.0000	0.0000	0.0000	0	-0.77	0.0847	6	0.1097	0
Δ8-THC (%AR)	013.99	Other	189	0.0127	0.0126	0.0126	0.0126	-0.66	0.0847	6	0.1097	0
Δ8-THC (%AR)	013.99	Other	213	0.1220	0.1250	0.1270	0.125	0.36	0.0847	6	0.1097	0
Δ8-THC (%AR)	013.99	Other	138	0.1269	0.1395	0.1347	0.134	0.45	0.0847	6	0.1097	0
Δ8-THC (%AR)	013.01	AOAC 2018.10	228	0.2397	0.2429	0.2289	0.237	1.39	0.0847	6	0.1097	0

CBC (%AR)

CBC (%AR)	014.99	Other	149	0.1850	0.1800	0.1810	0.182	-0.93	0.2077	10	0.0275	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	
CBC (%AR)	014.99	Other	173	0.1880	0.1790	0.1800	0.182	-0.92	0.2077	10	0.0275	0
CBC (%AR)	014.99	Other	155	0.1923	0.1816	0.1794	0.184	-0.85	0.2077	10	0.0275	0
CBC (%AR)	014.99	Other	196	0.1953	0.1986	0.1871	0.194	-0.51	0.2077	10	0.0275	0
CBC (%AR)	014.99	Other	197	0.2000	0.2009	0.2000	0.2	-0.27	0.2077	10	0.0275	0
CBC (%AR)	014.99	Other	106	0.2000	0.2100	0.2000	0.203	-0.16	0.2077	10	0.0275	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2167	0.2209	0.2051	0.214	0.24	0.2077	10	0.0275	0
CBC (%AR)	014.99	Other	183	0.2325	0.2253	0.2262	0.228	0.74	0.2077	10	0.0275	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.2423	0.2379	0.2389	0.24	1.16	0.2077	10	0.0275	0
CBC (%AR)	014.99	Other	189	0.2467	0.2754	0.2467	0.256	1.77	0.2077	10	0.0275	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Cd (ug/g AR)	101.04	ICP-MS	196	0.1440	0.1390	0.1450	0.143	-1.47	0.1686	7	0.0177	0
Cd (ug/g AR)	101.04	ICP-MS	164	0.1406	0.1481	0.1735	0.154	-0.83	0.1686	7	0.0177	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1697	0.1642	0.1595	0.164	-0.24	0.1686	7	0.0177	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.1710	0.1790	0.1780	0.176	0.42	0.1686	7	0.0177	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1780	0.1789	0.1730	0.177	0.45	0.1686	7	0.0177	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.1800	0.1900	0.1800	0.183	0.83	0.1686	7	0.0177	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.1850	0.1850	0.1800	0.183	0.83	0.1686	7	0.0177	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	197	0.2178	0.2479	0.2528	0.24	-1.26	0.2592	8	0.0156	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	
As (ug/g AR)	102.04	ICP-MS	106	0.2300	0.2630	0.2480	0.247	-0.78	0.2592	8	0.0156	0
As (ug/g AR)	102.04	ICP-MS	102	0.2350	0.2680	0.2510	0.251	-0.51	0.2592	8	0.0156	0
As (ug/g AR)	102.04	ICP-MS	141	0.2760	0.2520	0.2350	0.254	-0.31	0.2592	8	0.0156	0
As (ug/g AR)	102.04	ICP-MS	164	0.2571	0.2695	0.2728	0.266	0.46	0.2592	8	0.0156	0
As (ug/g AR)	102.04	ICP-MS	162	0.2619	0.3074	0.2276	0.266	0.41	0.2592	8	0.0156	0
As (ug/g AR)	102.04	ICP-MS	196	0.2710	0.2600	0.2700	0.267	0.5	0.2592	8	0.0156	0
As (ug/g AR)	102.04	ICP-MS	183	0.3200	0.3900	0.3200	0.343	5.38	0.2592	8	0.0156	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	141	<0.0300	<0.0300	<0.0300	<0.0300					1
Hg (ug/g AR)	103.04	ICP-MS	164	<0.0500	<0.0500	<0.0500	<0.0500					1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0975	<0.0952	<0.0984	<0.0975					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	183	0.0050	0.0050	0.0040	0.0047					0
Hg (ug/g AR)	103.04	ICP-MS	196	0.0084	0.0081	0.0080	0.0082					0
Hg (ug/g AR)	103.04	ICP-MS	106	0.0080	0.0090	0.0090	0.0087					0
Hg (ug/g AR)	103.99	Other	102	0.0300	0.0520	0.0495	0.0438					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	197	0.7048	0.7490	0.7672	0.74	-1.22	0.8486	8	0.0886	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.7420	0.7460	0.7420	0.743	-1.19	0.8486	8	0.0886	0
Pb (ug/g AR)	104.04	ICP-MS	141	0.9010	0.7710	0.7880	0.82	-0.32	0.8486	8	0.0886	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Pb (ug/g AR)	104.04	ICP-MS	183	0.8100	0.8400	0.8900	0.847	-0.02	0.8486	8	0.0886	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.8380	0.8740	0.8670	0.86	0.13	0.8486	8	0.0886	0
Pb (ug/g AR)	104.04	ICP-MS	164	0.8561	0.8866	0.9983	0.914	0.73	0.8486	8	0.0886	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.8316	0.9551	0.9561	0.914	0.74	0.8486	8	0.0886	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.9370	0.9880	0.9270	0.951	1.15	0.8486	8	0.0886	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	11.7000	10.1000	10.7000	10.8					0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	2.9600	2.8500	3.0100	2.94					0
Ni (ug/g AR)	106.04	ICP-MS	183	3.6700	3.7400	3.8300	3.75					0
Ni (ug/g AR)	106.04	ICP-MS	141	4.0400	4.1500	3.9300	4.04					0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	196	5.1000	4.9500	5.3000	5.12					0
Cr (ug/g AR)	107.04	ICP-MS	141	6.6900	7.4700	6.6700	6.94					0
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	141	<0.4030	<0.3990	<0.3990	<0.4030					1
Se (ug/g AR)	108.04	ICP-MS	197	0.1529	0.1522	0.1478	0.151					0
Se (ug/g AR)	108.04	ICP-MS	196	0.2480	0.2430	0.2010	0.231					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	64.9000	55.3000	57.6000	59.3					0
Zn (ug/g AR)	111.04	ICP-MS	141	61.0000	61.4000	57.9000	60.1					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	162	0.0285	0.0298	0.0296	0.0293					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0662	0.0721	0.0703	0.0695					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0322	0.0338	0.0312	0.0324					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0349	0.0354	0.0334	0.0346					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0158	<0.0158	<0.0158	<0.0158					1
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Geraniol (%AR)	204.02	GC,MS	196	<0.2520	<0.2520	<0.2520	<0.2520					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0131	0.0139	0.0135	0.0135					0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0143	0.0145	0.0137	0.0142					0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					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	196	<0.0039	<0.0039	<0.0039	<0.0039					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	196	<0.0039	<0.0039	<0.0039	<0.0039					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	196	<0.0039	<0.0039	<0.0039	<0.0039					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	
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					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	196	<0.0039	<0.0039	<0.0039	<0.0039					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0039	<0.0039	<0.0039	<0.0039					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	196	<0.0039	<0.0039	<0.0039	<0.0039					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	4.8100	5.3100	5.3400	5.15	-1.64	7.9314	15	1.6965	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)	500.70	Commerc. Anal.	189	6.2650	6.2650	6.2650	6.26	-0.98	7.9314	15	1.6965	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.2100	6.5900	6.6500	6.48	-0.85	7.9314	15	1.6965	0
Moisture (%AR)	500.99	Other	103	6.5100	6.6900	6.6700	6.62	-0.77	7.9314	15	1.6965	0
Moisture (%AR)	500.99	Other	102	6.9000	6.6000	6.8000	6.77	-0.69	7.9314	15	1.6965	0
Moisture (%AR)	500.72	NIR	138	7.5500	7.2000	7.3500	7.37	-0.33	7.9314	15	1.6965	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.3500	7.4100	7.5200	7.43	-0.3	7.9314	15	1.6965	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.2800	7.8900	7.5800	7.92	-0.01	7.9314	15	1.6965	0
Moisture (%AR)	500.70	Commerc. Anal.	196	8.0500	7.9600	8.0500	8.02	0.05	7.9314	15	1.6965	0
Moisture (%AR)	500.99	Other	165	8.4000	8.1000	8.5000	8.33	0.24	7.9314	15	1.6965	0
Moisture (%AR)	500.70	Commerc. Anal.	183	9.1600	8.1000	9.4100	8.89	0.57	7.9314	15	1.6965	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.4950	9.9600	10.2350	9.56	0.96	7.9314	15	1.6965	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.7013	9.6971	10.0280	9.81	1.11	7.9314	15	1.6965	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.9085	9.9908	10.1716	10	1.23	7.9314	15	1.6965	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.7100	10.7800	9.8000	10.1	1.28	7.9314	15	1.6965	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.1225	0.1181	0.1187	0.12	-1.67	0.1514	8	0.0189	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1420	0.1410	0.1420	0.142	-0.51	0.1514	8	0.0189	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.1510	0.1455	0.1460	0.147	-0.2	0.1514	8	0.0189	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1474	0.1475	0.1507	0.149	-0.15	0.1514	8	0.0189	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.1500	0.1510	0.1490	0.15	-0.07	0.1514	8	0.0189	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.1551	0.1542	0.1543	0.155	0.17	0.1514	8	0.0189	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	162	0.1670	0.1686	0.1625	0.166	0.77	0.1514	8	0.0189	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.1820	0.1839	0.1837	0.183	1.68	0.1514	8	0.0189	0

Δ9-THCA (%DW)

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	<0.0510	<0.0530	<0.0520	<0.0510					1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0221	0.0222	0.0233	0.0225	-1.46	0.0312	7	0.0059	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.0300	0.0280	0.0300	0.0293	-0.31	0.0312	7	0.0059	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0277	0.0317	0.0296	0.0297	-0.25	0.0312	7	0.0059	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0340	0.0294	0.0316	0.0317	0.09	0.0312	7	0.0059	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0363	0.0206	0.0381	0.0317	0.09	0.0312	7	0.0059	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0333	0.0342	0.0323	0.0333	0.36	0.0312	7	0.0059	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	228	0.0549	0.0556	0.0537	0.0547	3.99	0.0312	7	0.0059	0

CBD (%DW)

CBD (%DW)	503.02	AOAC 2018.11, U	103	4.6334	4.8386	4.7049	4.73	-1.13	5.0397	6	0.2792	0
CBD (%DW)	503.10	Other LC-UV	162	5.0016	4.8083	4.8412	4.88	-0.56	5.0397	6	0.2792	0
CBD (%DW)	503.10	Other LC-UV	189	4.8792	4.8726	4.8807	4.88	-0.58	5.0397	6	0.2792	0
CBD (%DW)	503.10	Other LC-UV	116	5.1186	5.0839	5.2435	5.15	0.39	5.0397	6	0.2792	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.2780	5.2500	5.2290	5.25	0.76	5.0397	6	0.2792	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.2258	5.3717	5.4543	5.35	1.11	5.0397	6	0.2792	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)									
CBDA (%DW)	504.02	AOAC 2018.11, U	103	2.7010	2.7618	2.7882	2.75	-0.96	3.0906	7	0.3556	0
CBDA (%DW)	504.10	Other LC-UV	162	2.9218	2.7896	2.8764	2.86	-0.64	3.0906	7	0.3556	0
CBDA (%DW)	504.10	Other LC-UV	189	2.9019	2.8974	2.9028	2.9	-0.53	3.0906	7	0.3556	0
CBDA (%DW)	504.10	Other LC-UV	116	3.0269	2.9666	2.9600	2.98	-0.3	3.0906	7	0.3556	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.1052	3.1391	3.1226	3.12	0.09	3.0906	7	0.3556	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.4030	3.4010	3.3650	3.39	0.84	3.0906	7	0.3556	0
CBDA (%DW)	504.01	AOAC 2018.10	228	4.1399	4.1482	4.1376	4.14	2.96	3.0906	7	0.3556	0
			CBN (%DW)									
CBN (%DW)	505.10	Other LC-UV	162	0.0610	0.0605	0.0601	0.0605	-0.96	0.0702	7	0.0101	0
CBN (%DW)	505.10	Other LC-UV	189	0.0625	0.0637	0.0623	0.0628	-0.73	0.0702	7	0.0101	0
CBN (%DW)	505.10	Other LC-UV	192	0.0000	0.0937	0.1012	0.065	-0.52	0.0702	7	0.0101	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0666	0.0694	0.0679	0.068	-0.22	0.0702	7	0.0101	0
CBN (%DW)	505.30	GC-FID	116	0.0705	0.0735	0.0703	0.0714	0.12	0.0702	7	0.0101	0
CBN (%DW)	505.10	Other LC-UV	116	0.0766	0.0788	0.0795	0.0783	0.8	0.0702	7	0.0101	0
CBN (%DW)	505.30	GC-FID	192	0.0929	0.1064	0.0993	0.0995	2.9	0.0702	7	0.0101	0
			Total Δ9-THC (%DW)									
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1365	0.1135	0.1263	0.125	-2.49	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.1419	0.1376	0.1391	0.14	-1.75	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.1600	0.1600	0.1600	0.16	-0.67	0.1728	14	0.019	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	192	0.1530	0.1768	0.1617	0.164	-0.47	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.1510	0.1840	0.1670	0.167	-0.29	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.1701	0.1683	0.1626	0.167	-0.3	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.1899	0.1619	0.1688	0.174	0.04	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.1760	0.1760	0.1750	0.176	0.15	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.1786	0.1772	0.1756	0.177	0.23	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.1766	0.1775	0.1790	0.178	0.26	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.1869	0.1722	0.1876	0.182	0.5	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2207	0.1756	0.1754	0.191	0.94	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1971	0.1939	0.1907	0.194	1.11	0.1728	14	0.019	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2039	0.2058	0.2056	0.205	1.7	0.1728	14	0.019	0

Total CBD (%DW)

Total CBD (%DW)	507.02	AOAC 2018.11, U	103	7.0022	7.2607	7.1501	7.14	-1.07	8.0646	10	0.8679	0
Total CBD (%DW)	507.10	Other LC-UV	162	7.5645	7.2551	7.3636	7.39	-0.77	8.0646	10	0.8679	0
Total CBD (%DW)	507.10	Other LC-UV	189	7.4242	7.4136	7.4265	7.42	-0.74	8.0646	10	0.8679	0
Total CBD (%DW)	507.10	Other LC-UV	116	7.7732	7.6856	7.8394	7.77	-0.34	8.0646	10	0.8679	0
Total CBD (%DW)	507.40	GC-FID	192	7.7040	8.3806	7.3779	7.82	-0.28	8.0646	10	0.8679	0
Total CBD (%DW)	507.40	GC-FID	116	7.9739	7.8283	8.3909	8.06	0	8.0646	10	0.8679	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	7.9491	8.1247	8.1928	8.09	0.03	8.0646	10	0.8679	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	8.2620	8.2330	8.1800	8.23	0.18	8.0646	10	0.8679	0
Total CBD (%DW)	507.40	GC-FID	138	9.1518	9.5155	9.6342	9.43	1.58	8.0646	10	0.8679	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)	507.10	Other LC-UV	192	10.7838	12.0681	10.0654	11	3.35	8.0646	10	0.8679	0
CBDV (%DW)												
CBDV (%DW)	508.99	Other	189	0.0343	0.0337	0.0297	0.0326					0
CBDV (%DW)	508.99	Other	162	0.0377	0.0327	0.0335	0.0346					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.0420	0.0420	0.0410	0.0417					0
CBDVA (%DW)												
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.0280	0.0190	0.0240	0.0237					0
CBG (%DW)												
CBG (%DW)	510.99	Other	162	0.1786	0.1762	0.1712	0.175					0
CBG (%DW)	510.01	AOAC 2018.10	210	0.1880	0.1890	0.1920	0.19					0
CBG (%DW)	510.99	Other	189	0.2074	0.2078	0.2088	0.208					0
CBGA (%DW)												
CBGA (%DW)	511.01	AOAC 2018.10	210	0.0640	0.0540	0.0620	0.06					0
CBGA (%DW)	511.99	Other	189	0.1473	0.1493	0.1483	0.148					0
CBGA (%DW)	511.99	Other	162	0.1477	0.1735	0.1565	0.159					0
THCV (%DW)												
THCV (%DW)	512.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
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	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	189	0.0135	0.0135	0.0135	0.0135					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.0150	0.0150	0.0130	0.0143					0
CBC (%DW)												
CBC (%DW)	514.99	Other	162	0.2333	0.2378	0.2383	0.236					0
CBC (%DW)	514.99	Other	189	0.2631	0.2938	0.2631	0.273					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.