

Hemp Proficiency Testing

All Labs Trueness

HM23NOV-1 (hemp)



Sample: HM23NOV-1 (hemp)

All Labs Trueness

Issue Date: January 7, 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)	001.10	Other LC-UV	192	0.1411	0.1542	0.1648	0.153	-3.09	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1973	0.1974	0.1982	0.198	-1.55	0.242	29	0.0287	0
Δ9-THC (%AR)	001.99	Other	215	0.2152	0.206	0.205	0.209	-1.16	0.242	29	0.0287	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.217	0.21	0.213	0.213	-1	0.242	29	0.0287	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.2222	0.2121	0.2111	0.215	-0.94	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.2385	0.1974	0.2106	0.215	-0.92	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2272	0.2136	0.2161	0.219	-0.8	0.242	29	0.0287	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.22	0.224	0.217	0.22	-0.76	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.224	0.225	0.221	0.223	-0.65	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.247	0.212	0.216	0.225	-0.59	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.22	0.23	0.23	0.227	-0.54	0.242	29	0.0287	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2338	0.2331	0.2337	0.234	-0.3	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.2392	0.2488	0.2269	0.238	-0.13	0.242	29	0.0287	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.244	0.234	0.249	0.242	0.01	0.242	29	0.0287	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	144	0.2411	0.245	0.244	0.243	0.05	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.2521	0.2403	0.2445	0.246	0.12	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.242	0.249	0.251	0.247	0.18	0.242	29	0.0287	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.26	0.25	0.25	0.253	0.39	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.2681	0.2674	0.2261	0.254	0.41	0.242	29	0.0287	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.2515	0.253	0.257	0.254	0.41	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2632	0.2466	0.2534	0.254	0.43	0.242	29	0.0287	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.262	0.2642	0.2676	0.265	0.79	0.242	29	0.0287	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.2797	0.2556	0.2613	0.266	0.82	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2793	0.2597	0.2663	0.268	0.92	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2538	0.2774	0.2779	0.27	0.96	0.242	29	0.0287	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2775	0.2754	0.2801	0.278	1.24	0.242	29	0.0287	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2802	0.278	0.2768	0.278	1.26	0.242	29	0.0287	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.288	0.277	0.272	0.279	1.29	0.242	29	0.0287	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.3	0.29	0.29	0.293	1.78	0.242	29	0.0287	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0754	<0.0732	<0.0743	<0.0754					1
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0311	0.0321	0.0322	0.0318	-3.04	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0517	0.0432	0.0426	0.0458	-1.38	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0439	0.049	0.0455	0.0461	-1.34	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.04	0.05	0.05	0.0467	-1.28	0.0575	27	0.0084	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	196	0.046	0.048	0.05	0.048	-1.12	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.99	Other	215	0.05	0.0512	0.0461	0.0491	-0.99	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0577	0.046	0.0494	0.051	-0.76	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0528	0.0501	<0.0500	0.051	-0.77	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0627	<0.048	<0.048	0.0529					1
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0537	0.0507	0.055	0.0531	-0.51	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.057	0.055	0.055	0.0557	-0.21	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.06	0.058	0.053	0.057	-0.06	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0541	0.0612	0.0596	0.0583	0.1	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.056	0.056	0.062	0.058	0.06	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0664	0.0556	0.0538	0.0586	0.13	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0634	0.049	0.0669	0.0598	0.27	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0649	0.0664	0.0506	0.0606	0.37	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0601	0.0607	0.0622	0.061	0.42	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.065	0.06	0.06	0.0617	0.5	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0637	0.0614	0.0622	0.0624	0.59	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0616	0.0621	0.062	0.0619	0.52	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.065	0.065	0.062	0.064	0.77	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0639	0.0639	0.0637	0.0638	0.75	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.07	0.061	0.062	0.0643	0.81	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0684	0.0621	0.0617	0.0641	0.78	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.07	0.065	0.061	0.0653	0.93	0.0575	27	0.0084	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)	002.02	AOAC 2018.11, U	125	0.0795	0.0625	0.0665	0.0695	1.43	0.0575	27	0.0084	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0847	0.0771	0.08	0.0806	2.74	0.0575	27	0.0084	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	192	3.0433	3.2033	3.2977	3.18	-3.14	4.5039	19	0.4213	0
CBD (%AR)	003.99	Other	215	3.7233	3.8333	3.5963	3.72	-1.87	4.5039	19	0.4213	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.1451	3.8987	3.9918	4.01	-1.17	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	155	4.05	3.91	4.35	4.1	-0.95	4.5039	19	0.4213	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.424	4.19	4.32	4.31	-0.46	4.5039	19	0.4213	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.4773	4.2311	4.3728	4.36	-0.34	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	184	4.332	4.425	4.377	4.38	-0.3	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	196	4.406	4.378	4.483	4.42	-0.19	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	142	4.65	4.29	4.41	4.45	-0.13	4.5039	19	0.4213	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.5155	4.498	4.5055	4.51	0.01	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	189	4.5237	4.5454	4.5156	4.53	0.06	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	170	4.5938	4.4321	4.5913	4.54	0.08	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	106	4.54	4.66	4.69	4.63	0.3	4.5039	19	0.4213	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.91	4.65	4.82	4.79	0.69	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	163	4.9653	4.7757	4.8013	4.85	0.82	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	116	5.1646	4.6191	4.8082	4.86	0.85	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	144	4.742	4.9311	5.0475	4.91	0.96	4.5039	19	0.4213	0
CBD (%AR)	003.10	Other LC-UV	197	4.8663	5.111	5.1462	5.04	1.28	4.5039	19	0.4213	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	164	5.7602	5.2504	5.6608	5.56	2.5	4.5039	19	0.4213	0
CBDA (%AR)												
CBDA (%AR)	004.10	Other LC-UV	192	3.8332	3.7693	3.9982	3.87	-1.53	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	155	3.96	3.79	4.2	3.98	-1.37	4.9957	19	0.7378	0
CBDA (%AR)	004.99	Other	215	4.1537	4.3184	4.0438	4.17	-1.12	4.9957	19	0.7378	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	4.4701	4.287	4.1985	4.32	-0.92	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	142	4.96	4.49	4.54	4.66	-0.45	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	189	4.7316	4.7428	4.7121	4.73	-0.36	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	196	4.85	4.631	4.728	4.74	-0.35	4.9957	19	0.7378	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	4.9074	4.7388	4.7908	4.81	-0.25	4.9957	19	0.7378	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	4.981	4.883	4.913	4.93	-0.09	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	197	4.8915	5.1063	5.0376	5.01	0.02	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	184	4.953	5.221	4.926	5.03	0.05	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	144	4.9807	5.2126	5.3257	5.17	0.24	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	106	5.15	5.39	5.18	5.24	0.33	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	116	5.269	5.1652	5.368	5.27	0.37	4.9957	19	0.7378	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	5.3065	5.274	5.337	5.31	0.42	4.9957	19	0.7378	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	5.45	5.61	5.26	5.44	0.6	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	170	6.0104	6.081	5.9487	6.01	1.38	4.9957	19	0.7378	0
CBDA (%AR)	004.10	Other LC-UV	163	7.548	6.2973	7.5183	7.12	2.88	4.9957	19	0.7378	0
CBDA (%AR)	004.30	Other LC-MS	164	7.7327	6.7773	7.3918	7.3	3.12	4.9957	19	0.7378	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)												
CBN (%AR)	005.10	Other LC-UV	197	<0.0503	<0.0488	<0.0495	<0.0503					1
CBN (%AR)	005.10	Other LC-UV	116	<0.0600	<0.0600	<0.0600	<0.0600					1
CBN (%AR)	005.30	GC-FID	116	<0.0600	<0.0600	<0.0600	<0.0600					1
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0249	0.0205	0.0249	0.0234	-1.37	0.0302	13	0.0049	0
CBN (%AR)	005.10	Other LC-UV	144	0.0252	0.0249	0.0257	0.0253	-1	0.0302	13	0.0049	0
CBN (%AR)	005.10	Other LC-UV	142	0.026	0.0277	0.0238	0.0258	-0.89	0.0302	13	0.0049	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0275	0.0265	0.029	0.0277	-0.52	0.0302	13	0.0049	0
CBN (%AR)	005.30	GC-FID	192	0.0316	0.0269	0.0277	0.0287	-0.3	0.0302	13	0.0049	0
CBN (%AR)	005.10	Other LC-UV	196	0.029	0.029	0.03	0.0293	-0.18	0.0302	13	0.0049	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0298	0.025	0.0337	0.0295	-0.14	0.0302	13	0.0049	0
CBN (%AR)	005.10	Other LC-UV	189	0.0315	0.0292	0.0294	0.03	-0.04	0.0302	13	0.0049	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0355	0.0368	0.0225	0.0316	0.28	0.0302	13	0.0049	0
CBN (%AR)	005.10	Other LC-UV	192	0.0369	0.0361	0.0254	0.0328	0.52	0.0302	13	0.0049	0
CBN (%AR)	005.10	Other LC-UV	106	0.03	0.04	0.03	0.0333	0.63	0.0302	13	0.0049	0
CBN (%AR)	005.30	GC-FID	138	0.0376	0.0397	0.0383	0.0385	1.68	0.0302	13	0.0049	0
CBN (%AR)	005.30	GC-FID	163	0.059	0.0563	0.0357	0.0503	4.07	0.0302	13	0.0049	0
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1701	0.1609	0.1613	0.164	-3.92	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1684	0.1823	0.1931	0.181	-3.38	0.29	36	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	
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2358	0.2403	0.2381	0.238	-1.62	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.2392	0.2488	0.2269	0.238	-1.61	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	215	0.2591	0.2508	0.2454	0.252	-1.19	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.2891	0.2377	0.2539	0.26	-0.93	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.267	0.2582	0.2612	0.262	-0.87	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.2685	0.2561		0.262	-0.86	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.292	0.25	0.253	0.265	-0.78	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.267	0.2701		0.269	-0.67	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.285	0.27	0.275	0.277	-0.42	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.277	0.281	0.272	0.277	-0.42	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2597	0.29	0.2851	0.278	-0.37	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.317	0.2642	0.2676	0.283	-0.22	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2902	0.2756	0.2902	0.285	-0.15	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2865	0.2863	0.2882	0.287	-0.09	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.282	0.292	0.295	0.29	-0.01	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2911	0.282	0.3065	0.293	0.1	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.2987	0.2853	0.3	0.295	0.14	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2951	0.2995	0.2984	0.298	0.24	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.309	0.2985	0.2889	0.299	0.27	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.3059	0.294	0.3025	0.301	0.34	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.3304	0.2857	0.29	0.302	0.37	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.314	0.289	0.307	0.303	0.41	0.29	36	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	
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.3006	0.3021	0.3114	0.305	0.46	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.31	0.31	0.3	0.307	0.52	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.3081	0.3088		0.308	0.57	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.3239	0.3212	0.2806	0.309	0.58	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.3162	0.3081	0.3023	0.309	0.59	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3232	0.301	0.3076	0.311	0.64	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.3164	0.333	0.2903	0.313	0.72	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.3331	0.3184	0.3388	0.33	1.25	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.3362	0.3341	0.3326	0.334	1.38	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.354	0.3232	0.3314	0.336	1.44	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.349	0.335	0.325	0.336	1.44	0.29	36	0.0321	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.3526	0.3409	0.3365	0.343	1.66	0.29	36	0.0321	0

Total CBD (%AR)

Total CBD (%AR)	007.40	GC-FID	192	5.8941	5.685	5.6063	5.73	-2.21	8.6497	22	1.3228	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.8848	5.6976	6.1633	5.92	-2.07	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	192	6.4051	6.5089	6.8042	6.57	-1.57	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	215	7.3661	7.6206	7.1427	7.38	-0.96	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	155	7.53	7.23	8.03	7.6	-0.8	8.6497	22	1.3228	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	8.0653	7.6584	7.6739	7.8	-0.64	8.6497	22	1.3228	0
Total CBD (%AR)	007.40	GC-FID	170	8.0361	8.1569	7.4408	7.88	-0.58	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	142	9	8.23	8.39	8.54	-0.08	8.6497	22	1.3228	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)	007.03	AOAC 2018.11, M	139	8.7811	8.387	8.5743	8.58	-0.05	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	196	8.66	8.439	8.63	8.58	-0.06	8.6497	22	1.3228	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	8.7923	8.4724	8.6287	8.63	-0.01	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	189	8.6734	8.7049	8.6481	8.68	0.02	8.6497	22	1.3228	0
Total CBD (%AR)	007.40	GC-FID	163	9.03	8.6817	9.0717	8.93	0.21	8.6497	22	1.3228	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	9.1693	9.1233	9.186	9.16	0.39	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	144	9.1111	9.5036	9.7192	9.44	0.6	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	197	9.1561	9.5892	9.5642	9.44	0.59	8.6497	22	1.3228	0
Total CBD (%AR)	007.10	Other LC-UV	116	9.7855	9.1489	9.516	9.48	0.63	8.6497	22	1.3228	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	9.69	9.57	9.43	9.56	0.69	8.6497	22	1.3228	0
Total CBD (%AR)	007.40	GC-FID	169	9.566	9.6212	9.746	9.64	0.75	8.6497	22	1.3228	0
Total CBD (%AR)	007.40	GC-FID	116	10.3799	10.2145	9.9617	10.2	1.16	8.6497	22	1.3228	0
Total CBD (%AR)	007.40	GC-FID	138	10.1541	10.3153	10.0216	10.2	1.14	8.6497	22	1.3228	0
Total CBD (%AR)	007.30	Other LC-MS	164	12.5417	11.1941	12.1434	12	2.5	8.6497	22	1.3228	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0503	<0.0488	<0.0495	<0.0503					1
CBDV (%AR)	008.99	Other	189	0.0242	0.0292	0.0296	0.0277					0
CBDV (%AR)	008.99	Other	196	0.031	0.031	0.032	0.0313					0
CBDV (%AR)	008.99	Other	142	0.0411	0.034	0.0374	0.0375					0
CBDV (%AR)	008.99	Other	106	0.13	0.11	0.12	0.12					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	197	<0.0503	<0.0488	<0.0495	<0.0503					1
CBDVA (%AR)	009.99	Other	196	0.044	0.042	0.043	0.043					0
CBDVA (%AR)	009.99	Other	142	0.0526	0.043	0.0439	0.0465					0
			CBG (%AR)									
CBG (%AR)	010.99	Other	197	0.1477	0.1522	0.1505	0.15	-1.04	0.2153	8	0.0628	0
CBG (%AR)	010.99	Other	106	0.17	0.17	0.18	0.173	-0.67	0.2153	8	0.0628	0
CBG (%AR)	010.99	Other	142	0.193	0.174	0.179	0.182	-0.53	0.2153	8	0.0628	0
CBG (%AR)	010.99	Other	196	0.184	0.189	0.195	0.189	-0.41	0.2153	8	0.0628	0
CBG (%AR)	010.02	AOAC 2018.11, U	103	0.207	0.192	0.201	0.2	-0.24	0.2153	8	0.0628	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.259	0.228	0.228	0.238	0.37	0.2153	8	0.0628	0
CBG (%AR)	010.99	Other	189	0.2802	0.281	0.2806	0.281	1.04	0.2153	8	0.0628	0
CBG (%AR)	010.99	Other	155	0.303	0.306	0.316	0.308	1.48	0.2153	8	0.0628	0
			CBGA (%AR)									
CBGA (%AR)	011.99	Other	197	0.2131	0.2194	0.2119	0.215	-1.26	0.2511	7	0.0289	0
CBGA (%AR)	011.99	Other	106	0.21	0.23	0.23	0.223	-0.96	0.2511	7	0.0289	0
CBGA (%AR)	011.99	Other	142	0.27	0.231	0.235	0.245	-0.2	0.2511	7	0.0289	0
CBGA (%AR)	011.02	AOAC 2018.11, U	103	0.258	0.249	0.258	0.255	0.13	0.2511	7	0.0289	0
CBGA (%AR)	011.99	Other	196	0.265	0.257	0.264	0.262	0.38	0.2511	7	0.0289	0
CBGA (%AR)	011.99	Other	189	0.2748	0.2695	0.269	0.271	0.69	0.2511	7	0.0289	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)	011.02	AOAC 2018.11, U	125	0.294	0.292	0.273	0.286	1.22	0.2511	7	0.0289	0
THCV (%AR)												
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%AR)	012.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					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	<0.0503	<0.0488	<0.0495	<0.0503					1
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	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	<0.0503	<0.0488	<0.0495	<0.0503					1
Δ8-THC (%AR)	013.99	Other	189	0.0126	0.0114	0.011	0.0117					0
Δ8-THC (%AR)	013.99	Other	138	0.0576	0.0592	0.0588	0.0585					0
CBC (%AR)												
CBC (%AR)	014.99	Other	142	0.275	0.237	0.242	0.251	-1.21	0.2767	7	0.0209	0
CBC (%AR)	014.99	Other	197	0.2683	0.2654	0.2564	0.263	-0.64	0.2767	7	0.0209	0
CBC (%AR)	014.99	Other	106	0.26	0.28	0.27	0.27	-0.32	0.2767	7	0.0209	0
CBC (%AR)	014.99	Other	155	0.306	0.25	0.271	0.276	-0.05	0.2767	7	0.0209	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	196	0.279	0.273	0.282	0.278	0.06	0.2767	7	0.0209	0
CBC (%AR)	014.99	Other	189	0.2925	0.2938	0.2851	0.29	0.66	0.2767	7	0.0209	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.308	0.305	0.313	0.309	1.53	0.2767	7	0.0209	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	0.108	0.107	0.105	0.107					0
Cd (ug/g AR)	101.04	ICP-MS	197	0.16	0.1466	0.1662	0.158					0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1509	0.1597	0.1665	0.159					0
Cd (ug/g AR)	101.04	ICP-MS	142	0.158	0.171	0.174	0.168					0
Cd (ug/g AR)	101.04	ICP-MS	106	0.169	0.175	0.163	0.169					0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	197	<0.0992	<0.0988	<0.0975	<0.0992					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	0.0513	0.0547	0.0572	0.0544					0
As (ug/g AR)	102.04	ICP-MS	196	0.0714	0.0672	0.064	0.0675					0
As (ug/g AR)	102.04	ICP-MS	142	0.081	0.08	0.064	0.075					0
As (ug/g AR)	102.04	ICP-MS	106	<0.0800	0.08	<0.0800	0.08					1

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072	<0.0072					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	
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0992	<0.0988	<0.0975	<0.0992					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	142	0.0073	0.0034	0.002	0.0042					0
Hg (ug/g AR)	103.04	ICP-MS	102	0.006	0.0062	0.0068	0.0063					0
Hg (ug/g AR)	103.04	ICP-MS	106	0.008	0.009	0.008	0.0083					0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	102	0.3433	0.2942	0.3325	0.323	-1.2	0.3507	6	0.0228	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.321	0.34	0.336	0.332	-0.8	0.3507	6	0.0228	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.3501	0.346	0.3603	0.352	0.06	0.3507	6	0.0228	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.3711	0.3686	0.3153	0.352	0.04	0.3507	6	0.0228	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.382	0.335	0.397	0.371	0.9	0.3507	6	0.0228	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.32	0.444	0.356	0.373	0.99	0.3507	6	0.0228	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	9.55	8.9	9.57	9.34					0
Cu (ug/g AR)	105.04	ICP-MS	142	15.3	17.3	16.7	16.4					0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	1.15	1.12	1.07	1.11					0
Ni (ug/g AR)	106.04	ICP-MS	142	1.4	1.45	1.29	1.38					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	197	<10.0000	<10.0000	<10.0000	<10.0000					1
Cr (ug/g AR)	107.04	ICP-MS	142	0.684	0.817	0.66	0.72					0
Cr (ug/g AR)	107.04	ICP-MS	196	1.04	0.969	0.976	0.995					0
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	142	0.085	0.062	0.075	0.074					0
Se (ug/g AR)	108.04	ICP-MS	197	0.1149	0.1148	0.1202	0.117					0
Se (ug/g AR)	108.04	ICP-MS	196	0.133	0.128	0.137	0.133					0
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	142	0.022	0.0215	0.0184	0.0206					0
			Ba (ug/g AR)									
Ba (ug/g AR)	110.04	ICP-MS	142	0.224	0.193	0.187	0.201					0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	50.2	47	47.9	48.4					0
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0240	<0.0240	<0.0240	<0.0240					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0404	0.0297	0.0294	0.0332					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.121	0.117	0.13	0.123					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0763	0.0641	0.0587	0.0664					0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.091	0.0794	0.0963	0.0889					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0277	0.0267	0.0298	0.0281					0
Geraniol (%AR)												
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	<0.1235	<0.1235	<0.1235	<0.1235					1
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0303	0.0241	0.0222	0.0255					0

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)	205.01	GC,FID	142	0.0506	0.0458	0.0545	0.0503					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
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.01	GC,FID	142	0.0018	0.0018	0.0022	0.0019					0
Linalool (%AR)	207.02	GC,MS	196	0.0018	0.0016	0.0019	0.0018					0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.01	GC,FID	142	0.0026	0.0016	0.0021	0.0021					0
beta-Myrcene (%AR)	208.02	GC,MS	196	0.0023	0.002	0.002	0.0021					0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Ocimene (%AR)												
Ocimene (%AR)	210.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					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	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
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
(-)-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
alpha-Terpinene (%AR)												
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	196	<0.0013	<0.0013	<0.0013	<0.0013					1
gamma-Terpinene (%A	214.02	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-Terpinolene (%AR)									
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)	500.70	Commerc. Anal.	153	3.03	3.27	3.12	3.14	-1.92	7.4121	16	2.2234	0
Moisture (%AR)	500.99	Other	142	4.8	4.4	4.4	4.53	-1.29	7.4121	16	2.2234	0
Moisture (%AR)	500.70	Commerc. Anal.	189	5.369	5.369	5.369	5.37	-0.92	7.4121	16	2.2234	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.52	5.56	5.56	5.55	-0.84	7.4121	16	2.2234	0
Moisture (%AR)	500.72	NIR	138	6.7	6.65	6.85	6.73	-0.31	7.4121	16	2.2234	0
Moisture (%AR)	500.99	Other	103	6.82	6.75	6.7	6.76	-0.29	7.4121	16	2.2234	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.45	7.12	6.76	6.78	-0.29	7.4121	16	2.2234	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.82	6.87	7.01	6.9	-0.23	7.4121	16	2.2234	0
Moisture (%AR)	500.99	Other	215	7.14	6.55	7.66	7.12	-0.13	7.4121	16	2.2234	0
Moisture (%AR)	500.99	Other	165	7.979	8.295	8.035	8.1	0.31	7.4121	16	2.2234	0
Moisture (%AR)	500.99	Other	102	9.3	8	8.1	8.47	0.47	7.4121	16	2.2234	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.33	8.265	8.92	8.51	0.49	7.4121	16	2.2234	0
Moisture (%AR)	500.50	AOAC 930.15	210	8.82	10.1	8.98	9.3	0.85	7.4121	16	2.2234	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.8762	9.7577	9.9145	9.85	1.1	7.4121	16	2.2234	0
Moisture (%AR)	500.70	Commerc. Anal.	162	11.43	8.91	9.52	9.95	1.14	7.4121	16	2.2234	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.6971	10.257	10.8666	10.6	1.44	7.4121	16	2.2234	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)												
Δ9-THC (%DW)	501.99	Other	215	0.2318	0.2204	0.222	0.225	-1.44	0.2693	9	0.031	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.2329	0.2252	0.2283	0.229	-1.31	0.2693	9	0.031	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.267	0.264	0.262	0.264	-0.16	0.2693	9	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.274	0.262	0.2658	0.267	-0.07	0.2693	9	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2787	0.261	0.2683	0.269	0	0.2693	9	0.031	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2816	0.2819	0.2883	0.284	0.47	0.2693	9	0.031	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.29	0.287	0.291	0.289	0.65	0.2693	9	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2961	0.2938	0.2925	0.294	0.8	0.2693	9	0.031	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.2971	0.3081	0.301	0.302	1.06	0.2693	9	0.031	0
Δ9-THCA (%DW)												
Δ9-THCA (%DW)	502.99	Other	215	0.0538	0.0547	0.0499	0.0528	-1.5	0.0621	8	0.0062	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.07	<0.048	<0.048	0.0553					1
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0569	0.0542	0.0581	0.0564	-0.92	0.0621	8	0.0062	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0612	0.059	0.0589	0.0597	-0.39	0.0621	8	0.0062	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.063	0.063	0.059	0.0617	-0.07	0.0621	8	0.0062	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0627	0.0624	0.0696	0.0649	0.45	0.0621	8	0.0062	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0705	0.0724	0.055	0.066	0.63	0.0621	8	0.0062	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0675	0.0675	0.0673	0.0674	0.86	0.0621	8	0.0062	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0724	0.0657	0.0654	0.0678	0.93	0.0621	8	0.0062	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)										
CBD (%DW)	503.99	Other	215	4.0096	4.102	3.8946	4	-2.49	4.8945	7	0.358	0
CBD (%DW)	503.02	AOAC 2018.11, U	103	4.7478	4.4933	4.6302	4.62	-0.76	4.8945	7	0.358	0
CBD (%DW)	503.10	Other LC-UV	189	4.7804	4.8033	4.7718	4.79	-0.31	4.8945	7	0.358	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.0564	5.0121	5.0548	5.04	0.41	4.8945	7	0.358	0
CBD (%DW)	503.10	Other LC-UV	162	4.8647	5.0689	5.3714	5.1	0.58	4.8945	7	0.358	0
CBD (%DW)	503.10	Other LC-UV	116	5.4681	4.8905	5.0907	5.15	0.71	4.8945	7	0.358	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.24	5.127	5.24	5.2	0.86	4.8945	7	0.358	0
		CBDA (%DW)										
CBDA (%DW)	504.99	Other	215	4.4731	4.6211	4.3792	4.49	-1.44	5.401	7	0.6308	0
CBDA (%DW)	504.10	Other LC-UV	189	5.0001	5.0119	4.9794	5	-0.64	5.401	7	0.6308	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	5.3456	5.2365	5.2658	5.28	-0.19	5.401	7	0.6308	0
CBDA (%DW)	504.10	Other LC-UV	162	5.2394	5.2314	5.7032	5.39	-0.02	5.401	7	0.6308	0
CBDA (%DW)	504.10	Other LC-UV	116	5.5786	5.4687	5.6835	5.58	0.28	5.401	7	0.6308	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	5.9421	5.8768	5.9877	5.94	0.85	5.401	7	0.6308	0
CBDA (%DW)	504.01	AOAC 2018.10	210	6.175	6.229	5.993	6.13	1.16	5.401	7	0.6308	0
		CBN (%DW)										
CBN (%DW)	505.10	Other LC-UV	116	<0.0600	<0.0600	<0.0600	<0.0600					1
CBN (%DW)	505.30	GC-FID	116	<0.0600	<0.0600	<0.0600	<0.0600					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0308	0.0295	0.0325	0.0309					0
CBN (%DW)	505.10	Other LC-UV	189	0.0333	0.0309	0.0311	0.0318					0
CBN (%DW)	505.10	Other LC-UV	192	0.041	0.04	0.0281	0.0364					0
CBN (%DW)	505.10	Other LC-UV	162	0.0393	0.036	0.0368	0.0374					0
Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1868	0.2021	0.2143	0.201	-3.02	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.2572	0.262	0.2614	0.26	-1.39	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	215	0.279	0.2684	0.2657	0.271	-1.09	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.2865	0.2769	0.28	0.281	-0.82	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.3112	0.3002	0.3111	0.308	-0.09	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.3514	0.287	0.291	0.31	-0.02	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.322	0.319	0.314	0.318	0.21	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.3185	0.3188		0.319	0.22	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.3358	0.3255	0.3141	0.325	0.4	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.3347	0.3262	0.3201	0.327	0.45	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3422	0.3187	0.3256	0.329	0.5	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.3366	0.3366	0.3493	0.341	0.83	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.347	0.3556	0.352	0.352	1.13	0.3107	14	0.0362	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.3553	0.3531	0.3515	0.353	1.18	0.3107	14	0.0362	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)												
Total CBD (%DW)	507.10	Other LC-UV	192	7.107	7.2127	7.553	7.29	-1.87	9.6502	10	1.2614	0
Total CBD (%DW)	507.10	Other LC-UV	215	7.9325	8.1547	7.7352	7.94	-1.36	9.6502	10	1.2614	0
Total CBD (%DW)	507.10	Other LC-UV	189	9.1655	9.1988	9.1388	9.17	-0.38	9.6502	10	1.2614	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	9.4359	9.0857	9.2483	9.26	-0.31	9.6502	10	1.2614	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.4596	9.6569	10.3731	9.83	0.14	9.6502	10	1.2614	0
Total CBD (%DW)	507.10	Other LC-UV	116	10.3605	9.6865	10.0751	10	0.31	9.6502	10	1.2614	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	10.2676	10.166	10.306	10.2	0.47	9.6502	10	1.2614	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	10.655	10.59	10.496	10.6	0.74	9.6502	10	1.2614	0
Total CBD (%DW)	507.40	GC-FID	116	10.9898	10.8147	10.5471	10.8	0.9	9.6502	10	1.2614	0
Total CBD (%DW)	507.40	GC-FID	138	10.8872	11.06	10.7451	10.9	0.99	9.6502	10	1.2614	0
CBDV (%DW)												
CBDV (%DW)	508.99	Other	189	0.0256	0.0309	0.0313	0.0293					0
CBDV (%DW)	508.99	Other	162	0.0362	0.0384	0.039	0.0379					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.048	0.05	0.046	0.048					0
CBDVA (%DW)												
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.057	0.055	0.054	0.0553					0
CBG (%DW)												
CBG (%DW)	510.01	AOAC 2018.10	210	0.194	0.173	0.181	0.183					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)	510.02	AOAC 2018.11, U	103	0.2222	0.2059	0.2154	0.214					0
CBG (%DW)	510.99	Other	162	0.2279	0.2193	0.2276	0.225					0
CBG (%DW)	510.99	Other	189	0.2961	0.2969	0.2965	0.296					0
CBGA (%DW)												
CBGA (%DW)	511.01	AOAC 2018.10	210	0.213	0.221	0.206	0.213					0
CBGA (%DW)	511.02	AOAC 2018.11, U	103	0.2769	0.267	0.2765	0.273					0
CBGA (%DW)	511.99	Other	189	0.2904	0.2848	0.2843	0.287					0
CBGA (%DW)	511.99	Other	162	0.3259	0.3316	0.3298	0.329					0
THCV (%DW)												
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	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	189	0.0133	0.012	0.0116	0.0123					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.015	0.015	0.017	0.0157					0
CBC (%DW)												
CBC (%DW)	514.99	Other	162	0.2937	0.3008	0.3171	0.304					0
CBC (%DW)	514.99	Other	189	0.3091	0.3105	0.3013	0.307					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	

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.