

Hemp Proficiency Testing

All Labs Precision

HM20NOV-1



Sample: HM20NOV-1

All Labs Precision

Issue Date: December 17, 2020

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				Δ9-THC (%AR)								
Δ9-THC (%AR)	001.10	Other LC-UV	178	0.161								1
Δ9-THC (%AR)	001.10	Other LC-UV	203	0.137	0.14							1
Δ9-THC (%AR)	001.01	AOAC 2018.10	193	0.13	0.13	0.13	0	0	2.82	0	13.3	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.16	0.16	0.16	0	0	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1089	0.1094	0.1089	0.26	0.05	2.82	0	13.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1569	0.1569	0.156	0.33	0.06	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.167	0.166	0.167	0.35	0.07	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.1394	0.1387	0.1373	0.77	0.14	2.82	0	13.3	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1375	0.1402	0.139	0.97	0.18	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1386	0.1355	0.1367	1.14	0.21	2.82	0	13.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.1243	0.1216	0.1246	1.34	0.24	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.156	0.16	0.159	1.31	0.25	2.82	0	13.3	0
Δ9-THC (%AR)	001.99	Other	172	0.1727	0.1771	0.176	1.31	0.25	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	198	0.15	0.1516	0.1542	1.4	0.26	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.173	0.1687	0.1725	1.37	0.26	2.82	0	13.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.10	Other LC-UV	123	0.16	0.156	0.156	1.47	0.28	2.82	0	13.3	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.1471	0.1468	0.1428	1.65	0.31	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1529	0.1475	0.1494	1.83	0.34	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1687	0.1634	0.1635	1.84	0.35	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	202	0.139	0.1393	0.1439	1.95	0.36	2.82	0	13.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2268	0.2328	0.2348	1.8	0.36	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1634	0.1578	0.1585	1.91	0.36	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.1574	0.1596	0.1635	1.93	0.37	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.195	0.187	0.19	2.12	0.41	2.82	0	13.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	188	0.119	0.1241	0.1241	2.41	0.44	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.1499	0.1431	0.1457	2.35	0.44	2.82	0	13.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	119	0.1701	0.1683	0.1759	2.32	0.45	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	125	0.1455	0.1472	0.1404	2.45	0.46	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1501	0.1427	0.1467	2.53	0.47	2.82	0	13.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.1283	0.1285	0.1228	2.56	0.47	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.1505	0.1432	0.1454	2.56	0.48	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	150	0.118	0.117	0.123	2.69	0.49	2.82	0	13.3	0
Δ9-THC (%AR)	001.99	Other	137	0.146	0.15	0.142	2.74	0.51	2.82	0	13.3	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.121	0.116	0.123	3	0.55	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.148	0.148	0.156	3.07	0.58	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.1497	0.1409	0.1433	3.15	0.59	2.82	0	13.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.141	0.149	0.149	3.16	0.59	2.82	0	13.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.143	0.152	0.144	3.37	0.63	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.123	0.124	0.131	3.46	0.64	2.82	0	13.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.139	0.149	0.1445	3.47	0.65	2.82	0	13.3	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1729	0.1647	0.1616	3.51	0.67	2.82	0	13.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1342	0.125	0.1322	3.71	0.68	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.1362	0.1269	0.1289	3.75	0.69	2.82	0	13.3	0
Δ9-THC (%AR)	001.60	NIR	187	0.1213	0.1287	0.1306	3.87	0.71	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	145	1.24	1.3	1.31	2.95	0.77	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.127	0.139	0.131	4.62	0.85	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	186	0.1394	0.1488	0.1527	4.65	0.87	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.1172	0.1117	0.1243	5.37	0.98	2.82	0	13.3	0
Δ9-THC (%AR)	001.99	Other	132	0.199	0.19	0.21	5.02	0.99	2.82	0	13.3	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	108	0.1589	0.1451	0.1442	5.52	1.04	2.82	0	13.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.1573	0.1649	0.1467	5.85	1.11	2.82	0	13.3	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.1526	0.1552	0.1745	7.44	1.42	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.1291	0.1423	0.1518	8.08	1.51	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.159	0.135	0.147	8.16	1.53	2.82	0	13.3	0
Δ9-THC (%AR)	001.10	Other LC-UV	132	0.186	0.156	0.162	9.45	1.81	2.82	0	13.3	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	155	0.125	0.14	0.16	12.4	2.32	2.82	0	13.3	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.162	0.13	0.168	13.3	2.52	2.82	0	13.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				Δ9-THCA (%AR)								
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0800	<0.0800	<0.0800						1
Δ9-THCA (%AR)	002.10	Other LC-UV	178	0.034								1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0750	<0.0765	<0.0757						1
Δ9-THCA (%AR)	002.10	Other LC-UV	123	<0.0970	<0.0910	<0.0930						1
Δ9-THCA (%AR)	002.30	Other LC-MS	188	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0479	0.0478	0.0486	0.91	0.14	5.46	0.91	126	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.044	0.045	0.045	1.29	0.2	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	186	0.0365	0.0373	0.0364	1.34	0.21	5.46	0.91	126	0
Δ9-THCA (%AR)	002.99	Other	137	0.0456	0.0442	0.0442	1.81	0.28	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0484	0.048	0.0467	1.86	0.3	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0411	0.0425	0.0411	1.94	0.3	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.047	0.046	0.045	2.17	0.34	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0358	0.0345	0.036	2.3	0.35	5.46	0.91	126	0
Δ9-THCA (%AR)	002.60	NIR	187	0.0364	0.0352	0.0344	2.85	0.43	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0492	0.047	0.0495	2.81	0.45	5.46	0.91	126	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0467	0.0463	0.0441	3.06	0.48	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	125	0.0635	0.0629	0.06	3.01	0.5	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.048	0.046	0.049	3.2	0.51	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	198	0.043	0.0431	0.0456	3.36	0.53	5.46	0.91	126	0
Δ9-THCA (%AR)	002.30	Other LC-MS	119	0.0538	0.0563	0.0574	3.3	0.54	5.46	0.91	126	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.0425	0.0397	0.04	3.77	0.59	5.46	0.91	126	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0587	0.0629	0.062	3.61	0.6	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	202	0.0439	0.0424	0.0406	3.91	0.61	5.46	0.91	126	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	108	0.0659	0.0648	0.0612	3.84	0.64	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.052	0.055	0.051	3.95	0.64	5.46	0.91	126	0
Δ9-THCA (%AR)	002.99	Other	172	0.0576	0.0609	0.0565	3.93	0.64	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	207	0.032	0.034	0.035	4.54	0.68	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	145	0.47	0.5	0.48	3.16	0.71	5.46	0.91	126	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0521	0.054	0.057	4.54	0.74	5.46	0.91	126	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0417	0.0381	0.0386	4.94	0.76	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.076	0.083	0.078	4.56	0.78	5.46	0.91	126	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0432	0.0477	0.0456	4.95	0.78	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.041	0.0368	0.0403	5.72	0.88	5.46	0.91	126	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.0431	0.0441	0.048	5.74	0.9	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0248	0.0228	0.026	6.59	0.95	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.0426	0.0385	0.0433	6.25	0.97	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.0587	0.0531	0.0592	5.94	0.97	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0469	0.0532	0.0487	6.54	1.04	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.045	0.05	0.044	6.94	1.1	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0627	0.0575	0.0658	6.76	1.12	5.46	0.91	126	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.037	0.043	0.04	7.5	1.16	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0577	0.0498	0.056	7.63	1.24	5.46	0.91	126	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0419	0.044	0.0491	8.23	1.29	5.46	0.91	126	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0481	0.0566	0.0515	8.22	1.32	5.46	0.91	126	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	155	0.043	0.049	0.051	8.73	1.39	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0361	0.0362	0.0425	9.58	1.47	5.46	0.91	126	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0378	0.0326	0.0393	9.62	1.47	5.46	0.91	126	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.048	0.042	0.04	9.61	1.5	5.46	0.91	126	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.042	0.037	0.048	13	2.03	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	150	0.043	0.033	0.04	13.3	2.04	5.46	0.91	126	0
Δ9-THCA (%AR)	002.99	Other	132	0.03	0.04	0.04	15.7	2.4	5.46	0.91	126	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.0847	0.103	0.0791	14.1	2.45	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.06	0.044	0.061	17.3	2.81	5.46	0.91	126	0
Δ9-THCA (%AR)	002.10	Other LC-UV	132	0.34	0.036	0.04	126	23.43	5.46	0.91	126	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	203	2.65	2.724							1
CBD (%AR)	003.10	Other LC-UV	178	2.528								1
CBD (%AR)	003.10	Other LC-UV	189	2.65	2.644	2.653	0.17	0.05	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	204	2.6675	2.6559	2.6597	0.22	0.06	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	192	2.8684	2.8958	2.8831	0.48	0.14	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	196	2.5852	2.6042	2.6111	0.52	0.15	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	116	2.9004	2.9031	2.8757	0.52	0.15	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	150	2.375	2.4	2.4	0.6	0.17	2.48	0.17	9.21	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.10	Other LC-UV	163	2.895	2.89	2.922	0.59	0.17	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	172	2.781	2.816	2.813	0.69	0.2	2.48	0.17	9.21	0
CBD (%AR)	003.99	Other	172	3.0784	3.1171	3.1138	0.69	0.21	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	186	2.5255	2.5508	2.5636	0.76	0.22	2.48	0.17	9.21	0
CBD (%AR)	003.30	Other LC-MS	149	2.722	2.748	2.707	0.76	0.22	2.48	0.17	9.21	0
CBD (%AR)	003.60	NIR	187	2.11	2.1384	2.1444	0.86	0.24	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	123	2.735	2.685	2.713	0.92	0.27	2.48	0.17	9.21	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	2.6461	2.5974	2.6015	1.03	0.3	2.48	0.17	9.21	0
CBD (%AR)	003.02	AOAC 2018.11, U	108	2.6	2.586	2.544	1.13	0.33	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	144	2.7852	2.7745	2.8521	1.5	0.44	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	191	2.6563	2.6028	2.5784	1.53	0.44	2.48	0.17	9.21	0
CBD (%AR)	003.99	Other	137	2.61	2.62	2.54	1.68	0.49	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	113	2.7289	2.6434	2.6593	1.7	0.49	2.48	0.17	9.21	0
CBD (%AR)	003.01	AOAC 2018.10	155	2.11	2.13	2.19	1.94	0.55	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	149	2.603	2.602	2.511	2.05	0.59	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	125	2.8478	2.7706	2.7325	2.11	0.62	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	200	2.5708	2.464	2.5021	2.15	0.62	2.48	0.17	9.21	0
CBD (%AR)	003.30	Other LC-MS	188	3.0109	3.0563	2.9127	2.45	0.72	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	106	2.83	2.794	2.929	2.45	0.72	2.48	0.17	9.21	0
CBD (%AR)	003.01	AOAC 2018.10	152	2.9872	3.0078	2.8605	2.7	0.8	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	198	2.8648	2.9787	3.0274	2.82	0.83	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	142	2.9046	2.7734	2.7539	2.92	0.85	2.48	0.17	9.21	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.30	Other LC-MS	119	3.0467	2.9664	3.1472	2.97	0.88	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	207	2.532	2.653	2.695	3.22	0.93	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	197	2.774	2.663	2.855	3.49	1.02	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	162	2.6347	2.595	2.7783	3.61	1.05	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	145	26.59	28.08	27.18	2.75	1.13	2.48	0.17	9.21	0
CBD (%AR)	003.30	Other LC-MS	122	1.868	2.0296	1.9815	4.23	1.17	2.48	0.17	9.21	0
CBD (%AR)	003.30	Other LC-MS	164	2.6463	2.6855	2.854	4.04	1.18	2.48	0.17	9.21	0
CBD (%AR)	003.01	AOAC 2018.10	193	1.81	1.71	1.66	4.42	1.2	2.48	0.17	9.21	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	2.373	2.5825	2.529	4.36	1.25	2.48	0.17	9.21	0
CBD (%AR)	003.01	AOAC 2018.10	168	2.7657	2.6182	2.8551	4.36	1.27	2.48	0.17	9.21	0
CBD (%AR)	003.99	Other	132	2.69	2.64	2.87	4.43	1.29	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	184	2.7073	2.4603	2.6615	5.03	1.46	2.48	0.17	9.21	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	2.5055	2.3237	2.6297	6.19	1.78	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	109	2.864	2.529	2.794	6.48	1.89	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	141	2.0691	2.1037	2.3457	6.94	1.95	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	202	2.3203	2.4511	2.6818	7.37	2.12	2.48	0.17	9.21	0
CBD (%AR)	003.10	Other LC-UV	132	2.825	2.348	2.617	9.21	2.66	2.48	0.17	9.21	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	203	3.705	3.867							1
CBDA (%AR)	004.10	Other LC-UV	178	3.535								1
CBDA (%AR)	004.10	Other LC-UV	189	3.475	3.48	3.474	0.09	0.03	2.66	0.09	10.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.01	AOAC 2018.10	155	3.33	3.32	3.32	0.17	0.05	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	196	3.6778	3.6964	3.7044	0.37	0.11	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	192	3.4834	3.5061	3.4722	0.5	0.15	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	186	3.6356	3.6944	3.6681	0.8	0.24	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	123	3.321	3.254	3.279	1.03	0.31	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	163	4.101	4.056	4.143	1.06	0.33	2.66	0.09	10.8	0
CBDA (%AR)	004.30	Other LC-MS	164	4.1157	4.1273	4.0351	1.23	0.38	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	162	3.7896	3.7938	3.7072	1.3	0.4	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	204	3.8389	3.7418	3.7491	1.43	0.44	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	150	3.25	3.325	3.233	1.5	0.45	2.66	0.09	10.8	0
CBDA (%AR)	004.60	NIR	187	3.2	3.2013	3.115	1.56	0.46	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	116	3.8108	3.7842	3.7024	1.5	0.46	2.66	0.09	10.8	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.6968	3.5959	3.589	1.66	0.51	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	191	4.0622	3.9339	3.9586	1.71	0.53	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	172	3.909	4.025	3.906	1.72	0.53	2.66	0.09	10.8	0
CBDA (%AR)	004.99	Other	172	4.327	4.4554	4.3237	1.72	0.54	2.66	0.09	10.8	0
CBDA (%AR)	004.01	AOAC 2018.10	168	3.7321	3.5946	3.6681	1.88	0.57	2.66	0.09	10.8	0
CBDA (%AR)	004.30	Other LC-MS	119	3.8568	3.7715	3.9221	1.96	0.6	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	198	3.394	3.4376	3.5415	2.19	0.66	2.66	0.09	10.8	0
CBDA (%AR)	004.99	Other	137	3.9	3.91	3.76	2.17	0.67	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	125	3.7863	3.6907	3.6257	2.18	0.67	2.66	0.09	10.8	0
CBDA (%AR)	004.02	AOAC 2018.11, U	108	3.854	3.781	3.686	2.23	0.68	2.66	0.09	10.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.02	AOAC 2018.11, U	152	3.656	3.721	3.8273	2.32	0.71	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	142	3.3961	3.3183	3.4782	2.35	0.71	2.66	0.09	10.8	0
CBDA (%AR)	004.30	Other LC-MS	122	2.6353	2.7799	2.7547	2.84	0.83	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	106	3.672	3.59	3.792	2.76	0.84	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	149	3.686	3.666	3.501	2.81	0.85	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	141	3.4247	3.5321	3.3306	2.94	0.89	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	207	3.092	3.271	3.261	3.14	0.94	2.66	0.09	10.8	0
CBDA (%AR)	004.30	Other LC-MS	149	3.259	3.428	3.459	3.18	0.96	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	197	3.729	3.955	3.971	3.48	1.07	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	145	39.62	41.37	39.54	2.57	1.12	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	194	3.918	4.218	4.145	3.82	1.18	2.66	0.09	10.8	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.278	3.548	3.4365	3.97	1.2	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	200	3.7696	3.4767	3.5099	4.47	1.36	2.66	0.09	10.8	0
CBDA (%AR)	004.01	AOAC 2018.10	193	3.7	3.44	3.41	4.53	1.37	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	184	3.9357	3.6058	3.9422	5.03	1.54	2.66	0.09	10.8	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	3.1666	3.0947	3.4151	5.21	1.56	2.66	0.09	10.8	0
CBDA (%AR)	004.30	Other LC-MS	188	3.9295	3.5944	3.5938	5.23	1.59	2.66	0.09	10.8	0
CBDA (%AR)	004.99	Other	132	3.58	3.19	3.37	5.77	1.74	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	109	4.581	4.068	4.49	6.25	1.95	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	202	2.9906	3.14	3.4217	6.88	2.05	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	132	3.309	2.716	3.059	9.83	2.91	2.66	0.09	10.8	0
CBDA (%AR)	004.10	Other LC-UV	144	3.2746	3.4824	4.0295	10.8	3.29	2.66	0.09	10.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBN (%AR)								
CBN (%AR)	005.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205						1
CBN (%AR)	005.10	Other LC-UV	116	<0.0400	<0.0400	<0.0400						1
CBN (%AR)	005.10	Other LC-UV	194	<0.0800	<0.0800	<0.0800						1
CBN (%AR)	005.10	Other LC-UV	207	0.015	<0.0130	0.024						1
CBN (%AR)	005.10	Other LC-UV	178	0.015								1
CBN (%AR)	005.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.20	Other LC-MS	188	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.30	GC-FID	116	0.0432	<0.0400	<0.0400						1
CBN (%AR)	005.99	Other	137	<0.0295	<0.0290	<0.0292						1
CBN (%AR)	005.10	Other LC-UV	149	<0.0240	<0.0240	<0.0230						1
CBN (%AR)	005.10	Other LC-UV	145	<0.2500	<0.2500	<0.2500						1
CBN (%AR)	005.10	Other LC-UV	203	0.016	0.016							1
CBN (%AR)	005.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.01	AOAC 2018.10	168	<0.0250	<0.0250	<0.0250						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0750	<0.0765	<0.0757						1
CBN (%AR)	005.10	Other LC-UV	132	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.023	0.0246	0						1
CBN (%AR)	005.02	AOAC 2018.11, U	108	<0.0030	<0.0030	<0.0030						1
CBN (%AR)	005.10	Other LC-UV	123	<0.0970	<0.0910	<0.0930						1
CBN (%AR)	005.99	Other	132	0.01	0.01	0.01	0	0	6.47	0	115	0
CBN (%AR)	005.01	AOAC 2018.10	155	0.02	0.02	0.02	0	0	6.47	0	115	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.10	Other LC-UV	200	0.0197	0.0199	0.0199	0.58	0.08	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	198	0.0812	0.0809	0.0831	1.46	0.25	6.47	0	115	0
CBN (%AR)	005.20	Other LC-MS	119	0.0216	0.0212	0.0224	2.81	0.4	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	125	0.0242	0.0256	0.0251	2.84	0.41	6.47	0	115	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0155	0.016	0.0165	3.12	0.42	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	189	0.017	0.018	0.018	3.27	0.45	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	192	0.0181	0.0196	0.0195	4.4	0.61	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	144	0.0152	0.0156	0.0168	5.25	0.71	6.47	0	115	0
CBN (%AR)	005.20	Other LC-MS	122	0.0178	0.0199	0.0187	5.6	0.77	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	141	0.0123	0.0119	0.0135	6.63	0.86	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	106	0.014	0.015	0.013	7.14	0.94	6.47	0	115	0
CBN (%AR)	005.20	Other LC-MS	149	0.017	0.017	0.015	7.07	0.96	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	202	0.0155	0.0173	0.0182	8.09	1.1	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	142	0.0181	0.0194	0.016	9.62	1.32	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	186	0.021	0.0177	0.018	9.66	1.33	6.47	0	115	0
CBN (%AR)	005.30	GC-FID	138	0.0313	0.0291	0.0259	9.44	1.39	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	162	0.0152	0.0152	0.0181	10.4	1.4	6.47	0	115	0
CBN (%AR)	005.30	GC-FID	163	0.035	0.029	0.031	9.65	1.44	6.47	0	115	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0178	0.0147	0.02	15.2	2.08	6.47	0	115	0
CBN (%AR)	005.10	Other LC-UV	204	0.0262	0.0196	0.019	18.5	2.61	6.47	0	115	0
CBN (%AR)	005.30	GC-FID	185	0.3056	0.0491	0.0402	115	21.17	6.47	0	115	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.10	Other LC-UV	203	0.18	0.18							1
Total Δ9-THC (%AR)	006.10	Other LC-UV	178	0.184								1
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.2	0.2	0.2	0	0	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1403	0.1396	0.1405	0.34	0.06	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.174	0.1736	0.1729	0.32	0.06	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.1621	0.1635	0.1646	0.77	0.15	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.1754	0.176	0.1733	0.81	0.16	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.183	0.186	0.184	0.83	0.16	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	202	0.1775	0.1765	0.1795	0.86	0.17	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1806	0.1774	0.1793	0.9	0.17	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2083	0.212	0.2104	0.88	0.18	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2098	0.2101	0.2062	1.04	0.21	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.206	0.21	0.206	1.11	0.22	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1706	0.1706	0.1746	1.34	0.26	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	123	0.16	0.156	0.156	1.47	0.28	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.1615	0.1571	0.1573	1.57	0.3	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.2016	0.2082	0.2037	1.65	0.33	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.99	Other	172	0.2232	0.2305	0.2256	1.64	0.33	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.2058	0.1999	0.1995	1.75	0.34	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	198	0.1878	0.1893	0.1942	1.76	0.34	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2384	0.2294	0.2366	2.03	0.41	3.3	0	29.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.1948	0.1934	0.2014	2.17	0.43	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.2151	0.2143	0.2068	2.16	0.43	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1824	0.1751	0.1757	2.28	0.44	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	188	0.119	0.1241	0.1241	2.41	0.44	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	119	0.2173	0.2176	0.2262	2.29	0.46	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1822	0.1749	0.1827	2.43	0.47	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.99	Other	132	0.23	0.23	0.24	2.47	0.5	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.1872	0.1779	0.1808	2.62	0.51	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	125	0.2012	0.2024	0.193	2.57	0.51	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.1531	0.1603	0.1606	2.69	0.51	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.184	0.192	0.183	2.65	0.52	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1985	0.2045	0.1941	2.62	0.52	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.1752	0.1656	0.1709	2.82	0.54	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.2725	0.2721	0.2848	2.61	0.54	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2236	0.2124	0.2216	2.73	0.54	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	112	0.21	0.2	0.21	2.79	0.55	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	207	0.151	0.154	0.161	3.3	0.63	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.2047	0.1913	0.201	3.48	0.68	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	186	0.1714	0.1815	0.1846	3.85	0.75	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.1877	0.1734	0.1808	3.96	0.77	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	145	1.65	1.74	1.73	2.89	0.78	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	150	0.156	0.146	0.158	4.19	0.79	3.3	0	29.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.176	0.189	0.189	4.06	0.79	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1714	0.1867	0.1796	4.27	0.83	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2244	0.2064	0.2154	4.18	0.83	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.285	0.268	0.264	4.09	0.84	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.127	0.139	0.131	4.62	0.85	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.2098	0.2186	0.1991	4.67	0.93	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	108	0.2167	0.202	0.1979	4.81	0.95	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.1389	0.1317	0.1471	5.53	1.03	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.2214	0.2371	0.2122	5.63	1.13	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1756	0.1996	0.1981	7.04	1.38	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.1904	0.1939	0.2166	7.1	1.4	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	132	0.216	0.185	0.197	7.84	1.54	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.1659	0.1809	0.1949	8.03	1.56	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.211	0.173	0.2	10	1.97	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	155	0.16	0.18	0.2	11.1	2.15	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2352	0.1996	0.185	12.5	2.47	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.199	0.162	0.209	13	2.55	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.545	0.44	0.43	13.5	3.02	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.1618	0.188	0.2405	20.4	4	3.3	0	29.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	185	0.195	0.2822	0.1601	29.6	5.88	3.3	0	29.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				Total CBD (%AR)								
Total CBD (%AR)	007.10	Other LC-UV	203	5.9	6.12							1
Total CBD (%AR)	007.10	Other LC-UV	178	5.608								1
Total CBD (%AR)	007.10	Other LC-UV	189	5.698	5.696	5.7	0.04	0.01	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	192	5.9234	5.9706	5.9282	0.44	0.14	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	196	5.8106	5.8459	5.8599	0.44	0.14	2.42	0.04	11.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	6.1935	6.2711	6.2171	0.64	0.21	2.42	0.04	11.2	0
Total CBD (%AR)	007.60	NIR	187	4.9169	4.9458	4.8761	0.71	0.23	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	186	5.714	5.7908	5.7805	0.72	0.24	2.42	0.04	11.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	6.9591	6.8658	6.8746	0.75	0.25	2.42	0.04	11.2	0
Total CBD (%AR)	007.01	AOAC 2018.10	155	5.03	5.04	5.11	0.86	0.28	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	204	6.0342	5.9375	5.9477	0.89	0.29	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	150	5.225	5.316	5.236	0.94	0.3	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	162	5.9582	5.9222	6.0294	0.91	0.3	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	123	5.648	5.539	5.588	0.98	0.32	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	116	6.2424	6.2218	6.1226	1.03	0.34	2.42	0.04	11.2	0
Total CBD (%AR)	007.40	GC-FID	163	6	5.972	6.092	1.04	0.34	2.42	0.04	11.2	0
Total CBD (%AR)	007.30	Other LC-MS	164	6.2558	6.3051	6.3928	1.1	0.36	2.42	0.04	11.2	0
Total CBD (%AR)	007.99	Other	172	6.8732	7.0245	6.9057	1.15	0.38	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	172	6.209	6.346	6.239	1.15	0.38	2.42	0.04	11.2	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	5.8882	5.751	5.7491	1.38	0.45	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	191	6.2188	6.0529	6.0501	1.58	0.52	2.42	0.04	11.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.30	Other LC-MS	149	5.58	5.754	5.74	1.7	0.55	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	142	5.883	5.6835	5.8043	1.74	0.57	2.42	0.04	11.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	108	5.98	5.902	5.777	1.74	0.57	2.42	0.04	11.2	0
Total CBD (%AR)	007.60	NIR	138	7.54	7.805	7.655	1.73	0.59	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	141	5.0725	5.2013	5.2667	1.91	0.61	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	194	6.3483	6.6025	6.4475	1.98	0.66	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	125	6.1683	6.0073	5.9123	2.15	0.7	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	149	5.835	5.817	5.581	2.47	0.8	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	197	6.045	6.132	6.337	2.43	0.8	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	198	5.8413	5.9935	6.1333	2.44	0.8	2.42	0.04	11.2	0
Total CBD (%AR)	007.30	Other LC-MS	119	6.4291	6.274	6.5869	2.43	0.81	2.42	0.04	11.2	0
Total CBD (%AR)	007.01	AOAC 2018.10	168	6.0388	5.7707	6.072	2.77	0.91	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	207	5.244	5.521	5.555	3.14	1.01	2.42	0.04	11.2	0
Total CBD (%AR)	007.30	Other LC-MS	188	6.4571	6.2086	6.0645	3.18	1.05	2.42	0.04	11.2	0
Total CBD (%AR)	007.30	Other LC-MS	122	4.1791	4.4676	4.3974	3.46	1.08	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	200	5.8768	5.5131	5.5803	3.42	1.11	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	145	61.34	64.35	61.85	2.58	1.2	2.42	0.04	11.2	0
Total CBD (%AR)	007.99	Other	132	5.83	5.44	5.82	3.9	1.27	2.42	0.04	11.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	5.2478	5.6941	5.5428	4.13	1.34	2.42	0.04	11.2	0
Total CBD (%AR)	007.40	GC-FID	170	6.5532	6.0418	6.2327	4.12	1.36	2.42	0.04	11.2	0
Total CBD (%AR)	007.40	GC-FID	185	10.2871	11.2068	10.624	4.35	1.55	2.42	0.04	11.2	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	5.2826	5.0378	5.6247	5.55	1.79	2.42	0.04	11.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%AR)	007.10	Other LC-UV	144	5.6577	5.8293	6.3868	6.4	2.1	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	109	6.881	6.097	6.731	6.33	2.11	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	202	4.9431	5.2049	5.6826	7.11	2.29	2.42	0.04	11.2	0
Total CBD (%AR)	007.40	GC-FID	116	6.1055	5.9136	6.8944	8.24	2.72	2.42	0.04	11.2	0
Total CBD (%AR)	007.40	GC-FID	169	6.5621	6.0364	5.4779	9	2.95	2.42	0.04	11.2	0
Total CBD (%AR)	007.10	Other LC-UV	132	5.73	4.733	5.302	9.52	3.06	2.42	0.04	11.2	0
Total CBD (%AR)	007.40	GC-FID	138	7.0114	8.3669	6.8567	11.2	3.79	2.42	0.04	11.2	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	193	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	197	<0.0750	<0.0765	<0.0757						1
CBDV (%AR)	008.99	Other	207	<0.0130	<0.0130	<0.0130						1
CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.02	AOAC 2018.11, U	132	<0.0500	0.018	0.024						1
CBDV (%AR)	008.02	AOAC 2018.11, U	108	<0.0050	<0.0050	<0.0050						1
CBDV (%AR)	008.99	Other	203	0.015	0.016							1
CBDV (%AR)	008.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	132	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270						1
CBDV (%AR)	008.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDV (%AR)	008.99	Other	106	<0.0000	<0.0000	<0.0000						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDV (%AR)	008.99	Other	186	0.0211	0.0209	0.0213	0.95	0.13	6.08	0.95	21.1	0
CBDV (%AR)	008.99	Other	200	0.015	0.0156	0.0156	2.25	0.3	6.08	0.95	21.1	0
CBDV (%AR)	008.99	Other	189	0.022	0.021	0.021	2.71	0.38	6.08	0.95	21.1	0
CBDV (%AR)	008.99	Other	155	0.026	0.029	0.028	5.52	0.81	6.08	0.95	21.1	0
CBDV (%AR)	008.99	Other	149	0.019	0.018	0.016	8.65	1.18	6.08	0.95	21.1	0
CBDV (%AR)	008.99	Other	142	0.029	0.032	0.027	8.58	1.27	6.08	0.95	21.1	0
CBDV (%AR)	008.99	Other	202	0.0074	0.0112	0.0107	21.1	2.65	6.08	0.95	21.1	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	203	0.048	0.052							1
CBDVA (%AR)	009.99	Other	196	0.0317	0.0328	0.0328	1.96	0.29	7.59	1.96	47.3	0
CBDVA (%AR)	009.01	AOAC 2018.10	155	0.029	0.031	0.03	3.33	0.49	7.59	1.96	47.3	0
CBDVA (%AR)	009.01	AOAC 2018.10	168	0.0444	0.0413	0.0426	3.64	0.57	7.59	1.96	47.3	0
CBDVA (%AR)	009.02	AOAC 2018.11, U	108	0.04	0.039	0.0427	4.72	0.73	7.59	1.96	47.3	0
CBDVA (%AR)	009.99	Other	149	0.053	0.044	0.042	12.6	2	7.59	1.96	47.3	0
CBDVA (%AR)	009.99	Other	186	0.0449	0.0209	0.0213	47.3	6.98	7.59	1.96	47.3	0

CBG (%AR)

CBG (%AR)	010.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	123	<0.0970	<0.0910	<0.0930						1
CBG (%AR)	010.99	Other	106	<0.0000	<0.0000	<0.0000						1
CBG (%AR)	010.99	Other	178	0.051								1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.99	Other	197	<0.0750	<0.0765	<0.0757						1
CBG (%AR)	010.99	Other	207	<0.0130	<0.0130	<0.0130						1
CBG (%AR)	010.99	Other	194	<0.0800	<0.0800	<0.0800						1
CBG (%AR)	010.01	AOAC 2018.10	193	<0.0500	<0.0500	0.05						1
CBG (%AR)	010.99	Other	203	0.067	0.066							1
CBG (%AR)	010.99	Other	119	0.0752	0.0747	0.0759	0.8	0.14	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	196	0.0614	0.0614	0.0605	0.85	0.14	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	149	0.048	0.047	0.048	1.21	0.19	8.12	0.8	20.5	0
CBG (%AR)	010.02	AOAC 2018.11, U	108	0.0837	0.081	0.0826	1.65	0.28	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	200	0.1048	0.1035	0.107	1.68	0.3	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	122	0.0624	0.065	0.0642	2.09	0.35	8.12	0.8	20.5	0
CBG (%AR)	010.01	AOAC 2018.10	155	0.067	0.07	0.07	2.51	0.42	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	204	0.081	0.0784	0.077	2.58	0.44	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	202	0.0664	0.0617	0.0652	3.79	0.63	8.12	0.8	20.5	0
CBG (%AR)	010.02	AOAC 2018.11, U	152	0.1031	0.1079	0.1126	4.4	0.79	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	188	0.0693	0.0831	0.0745	9.21	1.57	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	162	0.0617	0.0629	0.0742	10.4	1.74	8.12	0.8	20.5	0
CBG (%AR)	010.02	AOAC 2018.11, U	132	0.26	0.244	0.289	8.63	1.77	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	125	0.1015	0.1181	0.094	11.8	2.11	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	141	0.0398	0.0478	0.052	13.3	2.11	8.12	0.8	20.5	0
CBG (%AR)	010.01	AOAC 2018.10	168	0.0972	0.0743	0.0968	14.7	2.56	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	132	0.06	0.08	0.08	15.7	2.67	8.12	0.8	20.5	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBG (%AR)	010.99	Other	186	0.0206	0.0308	0.0242	20.5	2.96	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	189	0.068	0.052	0.076	18.7	3.11	8.12	0.8	20.5	0
CBG (%AR)	010.99	Other	142	0.0733	0.0547	0.0797	18.8	3.15	8.12	0.8	20.5	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBGA (%AR)	011.02	AOAC 2018.11, U	108	<0.0008	<0.0008	<0.0008						1
CBGA (%AR)	011.99	Other	203	0.107	0.11							1
CBGA (%AR)	011.99	Other	178	0.089								1
CBGA (%AR)	011.01	AOAC 2018.10	193	0.07	0.07	0.07	0	0	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	189	0.112	0.112	0.111	0.52	0.09	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	196	0.1016	0.102	0.1026	0.49	0.09	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	186	0.1154	0.1175	0.1161	0.92	0.17	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	125	0.1086	0.1104	0.1083	1.04	0.19	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	202	0.0972	0.096	0.0982	1.13	0.2	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	122	0.0818	0.0818	0.0801	1.21	0.21	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	149	0.073	0.074	0.072	1.37	0.23	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	194	0.117	0.121	0.123	2.54	0.46	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	123	0.123	0.119	0.117	2.55	0.47	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	106	0.091	0.088	0.093	2.78	0.49	4.01	0	49.2	0
CBGA (%AR)	011.02	AOAC 2018.11, U	152	0.097	0.1011	0.1035	3.27	0.58	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	197	0.085	0.091	0.086	3.68	0.64	4.01	0	49.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.99	Other	207	0.081	0.083	0.088	4.29	0.74	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	204	0.1199	0.1196	0.11	4.83	0.88	4.01	0	49.2	0
CBGA (%AR)	011.01	AOAC 2018.10	168	0.1059	0.1103	0.0982	5.84	1.04	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	141	0.0585	0.0665	0.0626	6.4	1.06	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	162	0.1055	0.1059	0.0938	6.76	1.2	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	142	0.1158	0.1093	0.1252	6.85	1.24	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	188	0.1067	0.112	0.0959	7.82	1.4	4.01	0	49.2	0
CBGA (%AR)	011.01	AOAC 2018.10	155	0.027	0.034	0.031	11.5	1.7	4.01	0	49.2	0
CBGA (%AR)	011.99	Other	132	0.07	0.05	0.09	28.6	4.8	4.01	0	49.2	0
CBGA (%AR)	011.02	AOAC 2018.11, U	132	0.096	0.084	0.031	49.2	8.28	4.01	0	49.2	0

THCV (%AR)

THCV (%AR)	012.99	Other	197	<0.0750	<0.0765	<0.0757						1
THCV (%AR)	012.99	Other	202	<0.0003	0.0074	0.0096						1
THCV (%AR)	012.99	Other	188	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	119	<0.0080	<0.0080	<0.0080						1
THCV (%AR)	012.99	Other	203	<0.0020	<0.0020							1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	186	<0.0200	<0.0200	<0.0200						1
THCV (%AR)	012.02	AOAC 2018.11, U	108	<0.0051	<0.0051	<0.0051						1
THCV (%AR)	012.99	Other	106	<0.0000	<0.0000	<0.0000						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
THCV (%AR)	012.99	Other	132	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	168	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	123	<0.0970	<0.0910	<0.0930						1
THCV (%AR)	012.99	Other	149	<0.0240	<0.0240	<0.0230						1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	189	0.023	0.023	0.023	0	0				0
THCV (%AR)	012.99	Other	200	0.0127	0.0124	0.0116	4.65	0.6				0
THCV (%AR)	012.02	AOAC 2018.11, U	132	0.03	0.028	0.031	5.15	0.76				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	149	<0.0240	<0.0240	<0.0230						1
Δ8-THC (%AR)	013.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	108	<0.0045	<0.0045	<0.0045						1
Δ8-THC (%AR)	013.99	Other	197	<0.0750	<0.0765	<0.0757						1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	106	<0.0000	<0.0000	<0.0000						1
Δ8-THC (%AR)	013.99	Other	188	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	203	<0.0020	<0.0020							1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	123	<0.0970	<0.0910	<0.0930						1
Δ8-THC (%AR)	013.99	Other	109	<0.0100	<0.0100	<0.0100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%AR)	013.99	Other	202	<0.0001	<0.0001	<0.0001						1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270						1
Δ8-THC (%AR)	013.99	Other	207	<0.0130	<0.0130	<0.0130						1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.99	Other	200	<0.0025	<0.0025	<0.0025						1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	186	<0.0200	<0.0200	<0.0200						1
Δ8-THC (%AR)	013.99	Other	189	0.012	0.012	0.012	0	0				0

CBC (%AR)

CBC (%AR)	014.99	Other	203	0.219	0.225							1
CBC (%AR)	014.99	Other	189	0.234	0.234	0.234	0	0	2.66	0	8.67	0
CBC (%AR)	014.99	Other	204	0.2324	0.23	0.2299	0.61	0.12	2.66	0	8.67	0
CBC (%AR)	014.02	AOAC 2018.11, U	108	0.2312	0.2283	0.2289	0.67	0.13	2.66	0	8.67	0
CBC (%AR)	014.01	AOAC 2018.10	168	0.2176	0.2177	0.2208	0.83	0.17	2.66	0	8.67	0
CBC (%AR)	014.99	Other	186	0.202	0.204	0.2065	1.1	0.22	2.66	0	8.67	0
CBC (%AR)	014.99	Other	196	0.2298	0.2327	0.2351	1.14	0.23	2.66	0	8.67	0
CBC (%AR)	014.99	Other	197	0.206	0.211	0.21	1.27	0.25	2.66	0	8.67	0
CBC (%AR)	014.99	Other	149	0.205	0.21	0.205	1.4	0.28	2.66	0	8.67	0
CBC (%AR)	014.99	Other	123	0.215	0.221	0.215	1.6	0.32	2.66	0	8.67	0
CBC (%AR)	014.99	Other	119	0.2784	0.2743	0.2839	1.73	0.36	2.66	0	8.67	0
CBC (%AR)	014.99	Other	202	0.2147	0.2153	0.2235	2.26	0.45	2.66	0	8.67	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBC (%AR)	014.99	Other	162	0.2377	0.2267	0.2283	2.57	0.52	2.66	0	8.67	0
CBC (%AR)	014.99	Other	200	0.2249	0.2127	0.2197	2.79	0.56	2.66	0	8.67	0
CBC (%AR)	014.99	Other	106	0.22	0.217	0.229	2.81	0.56	2.66	0	8.67	0
CBC (%AR)	014.99	Other	207	0.204	0.215	0.218	3.47	0.69	2.66	0	8.67	0
CBC (%AR)	014.99	Other	142	0.2292	0.2128	0.2179	3.82	0.76	2.66	0	8.67	0
CBC (%AR)	014.99	Other	125	0.2108	0.2221	0.2061	3.86	0.77	2.66	0	8.67	0
CBC (%AR)	014.99	Other	188	0.2647	0.2499	0.2721	4.31	0.88	2.66	0	8.67	0
CBC (%AR)	014.99	Other	132	0.22	0.22	0.24	5.09	1.02	2.66	0	8.67	0
CBC (%AR)	014.01	AOAC 2018.10	155	0.184	0.192	0.206	5.74	1.12	2.66	0	8.67	0
CBC (%AR)	014.99	Other	109	0.257	0.222	0.248	7.5	1.52	2.66	0	8.67	0
CBC (%AR)	014.02	AOAC 2018.11, U	132	0.24	0.202	0.218	8.67	1.73	2.66	0	8.67	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	122	0.2372	0.2369	0.2371	0.06	0.01	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	137	0.186	0.194	0.194	2.41	0.47	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.18	0.184	0.19	2.73	0.53	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.2062	0.2023	0.2152	3.18	0.63	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.197	0.209	0.212	3.85	0.76	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	162	0.1634	0.1797	0.1847	6.33	1.22	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.165	0.187	0.184	6.68	1.29	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	145	0.184	0.192	0.167	7.05	1.37	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	168	0.239	0.249	0.217	6.97	1.4	6.41	0.06	34.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Cd (ug/g AR)	101.04	ICP-MS	194	0.1935	0.1765	0.1671	7.47	1.45	6.41	0.06	34.6	0
Cd (ug/g AR)	101.03	ICP-OES	132	0.152	0.14	0.172	10.5	1.98	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.126	0.1245	0.1555	12.9	2.4	6.41	0.06	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	201	0.002	0.002	0.001	34.6	3.33	6.41	0.06	34.6	0

As (ug/g AR)

As (ug/g AR)	102.03	ICP-OES	132	0.8								1
As (ug/g AR)	102.04	ICP-MS	122	0.7785	0.7791	0.7786	0.04	0.01	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	162	0.6875	0.6924	0.6913	0.37	0.09	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	168	0.67	0.672	0.648	2.01	0.47	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	137	0.631	0.601	0.632	2.84	0.66	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	196	1.18	1.13	1.22	3.83	0.98	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	197	0.6966	0.6402	0.6499	4.55	1.07	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	194	0.6868	0.6874	0.6261	5.28	1.25	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	142	0.568	0.638	0.601	5.81	1.35	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	141	0.781	0.686	0.675	8.16	1.94	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	183	0.503	0.556	0.612	9.79	2.25	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	145	0.672	0.655	0.557	9.88	2.31	5.38	0.04	19.2	0
As (ug/g AR)	102.04	ICP-MS	201	0.011	0.008	0.008	19.2	2.38	5.38	0.04	19.2	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	141	<0.0139	<0.0139	<0.0139						1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						1
Hg (ug/g AR)	103.04	ICP-MS	168	<0.0140	<0.0140	<0.0140						1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200						1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.1000	<0.1000	<0.1000						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0971	<0.0994	<0.0996						1
Hg (ug/g AR)	103.04	ICP-MS	122	0.0077	0.0079	0.0078	1.28	0.16				0
Hg (ug/g AR)	103.04	ICP-MS	137	0.0094	0.009	0.0096	3.27	0.41				0
Hg (ug/g AR)	103.04	ICP-MS	196	0.0137	0.0113	0.0117	10.5	1.36				0
Hg (ug/g AR)	103.04	ICP-MS	145	0.017	0.012	0.01	27.7	3.62				0

Pb (ug/g AR)

Pb (ug/g AR)	104.03	ICP-OES	132	1.2	1.2	1.2	0	0	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	122	2.1995	2.1998	2.2005	0.02	0.01	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	142	1.557	1.556	1.533	0.88	0.23	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	168	1.87	1.89	1.84	1.35	0.37	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	183	1.845	1.765	1.795	2.24	0.61	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	162	1.8019	1.7303	1.8108	2.48	0.68	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	201	0.015	0.015	0.017	7.37	0.99	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	197	1.6479	1.5112	1.6252	4.59	1.23	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	196	1.66	1.68	1.81	4.74	1.29	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	194	1.5512	1.3094	1.3541	9.16	2.41	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	141	2.26	1.98	1.87	9.87	2.75	5.21	0	21.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Pb (ug/g AR)	104.04	ICP-MS	145	1.692	1.918	1.511	11.9	3.24	5.21	0	21.3	0
Pb (ug/g AR)	104.04	ICP-MS	137	1.82	2.72	2.05	21.3	6	5.21	0	21.3	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.03	ICP-OES	132	10.4	11.2							1
Cu (ug/g AR)	105.04	ICP-MS	196	11.8	12.4	11.9	2.67	0.97				0
Cu (ug/g AR)	105.04	ICP-MS	142	8.479	14.15	14.337	27	9.87				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	6.39	5.82	6.38	5.26	1.73				0
Ni (ug/g AR)	106.04	ICP-MS	141	7.16	6.73	7.48	5.28	1.78				0
Ni (ug/g AR)	106.04	ICP-MS	142	5.441	6.311	5.608	7.98	2.6				0
Ni (ug/g AR)	106.03	ICP-OES	132	2	2	2.4	10.8	3.04				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	197	14.5526	14.1104	14.7716	2.33	0.87				0
Cr (ug/g AR)	107.04	ICP-MS	196	13.2	12.5	13.2	3.12	1.15				0
Cr (ug/g AR)	107.04	ICP-MS	141	15.7	14.3	13.8	6.75	2.53				0
Cr (ug/g AR)	107.03	ICP-OES	132	2	2	2.4	10.8	3.04				0
Cr (ug/g AR)	107.04	ICP-MS	142	5.865	3.57	6.021	26.6	8.54				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				Se (ug/g AR)								
Se (ug/g AR)	108.03	ICP-OES	132	0.8		0.8						1
Se (ug/g AR)	108.04	ICP-MS	196	24.2	24.5	24.9	1.43	0.58				0
Se (ug/g AR)	108.04	ICP-MS	141	0.304	0.341	0.322	5.74	1.21				0
Se (ug/g AR)	108.04	ICP-MS	197	0.2188	0.1818	0.2	9.24	1.82				0
Se (ug/g AR)	108.04	ICP-MS	142	0.172	0.237	0.254	19.6	3.91				0
				Ag (ug/g AR)								
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						1
				Ba (ug/g AR)								
Ba (ug/g AR)	110.03	ICP-OES	132	44	44	52	9.9	4.41				0
				Zn (ug/g AR)								
Zn (ug/g AR)	111.04	ICP-MS	142	57.355	55.496	55.995	1.71	0.78				0
Zn (ug/g AR)	111.04	ICP-MS	196	84	83.7	86.6	1.88	0.92				0
Zn (ug/g AR)	111.04	ICP-MS	141	71.4	70.1	68.5	2.08	0.98				0
Zn (ug/g AR)	111.03	ICP-OES	132	54.4	53.2	51.6	2.65	1.2				0
				Sb (ug/g AR)								
Sb (ug/g AR)	112.04	ICP-MS	196	0.03	0.0343	0.0333	6.92	1.04				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				Moisture (%AR)								
Moisture (%AR)	500.99	Other	142	5.96	5.96	5.96	0	0	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	204	5.57	5.57	5.57	0	0	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	172	9.665	9.665	9.665	0	0	2.57	0	15.7	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.401	9.5116	9.4138	0.64	0.22	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	186	5.79	5.89	5.86	0.88	0.29	2.57	0	15.7	0
Moisture (%AR)	500.50	AOAC 930.15	105	9.01	8.94	9.13	1.06	0.37	2.57	0	15.7	0
Moisture (%AR)	500.99	Other	165	8.0904	7.8811	7.9528	1.33	0.46	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	198	5.15	5.22	5.07	1.46	0.47	2.57	0	15.7	0
Moisture (%AR)	500.99	Other	207	4.97	4.92	5.12	2.08	0.66	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.21	7.43	7.145	2.06	0.69	2.57	0	15.7	0
Moisture (%AR)	500.72	NIR	187	6.025	5.8452	5.7667	2.25	0.74	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.27	6.14	6.42	2.23	0.74	2.57	0	15.7	0
Moisture (%AR)	500.99	Other	120	6.676	6.9231	6.6418	2.27	0.76	2.57	0	15.7	0
Moisture (%AR)	500.50	AOAC 930.15	199	8.7574	8.4992	8.3935	2.19	0.76	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.24	8.05	8.5	2.73	0.94	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	119	6.42	6.77	6.78	3.08	1.03	2.57	0	15.7	0
Moisture (%AR)	500.72	NIR	138	8.45	8.45	8	3.13	1.08	2.57	0	15.7	0
Moisture (%AR)	500.99	Other	102	7.8	8.1	7.6	3.21	1.1	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	196	6.55	7.14	7.16	4.99	1.67	2.57	0	15.7	0
Moisture (%AR)	500.70	Commerc. Anal.	109	6.98	6.21	6.7	5.88	1.96	2.57	0	15.7	0
Moisture (%AR)	500.99	Other	103	5.8306	6.587	6.2772	6.1	2.01	2.57	0	15.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.99	Other	201	4	3	4	15.7	4.79	2.57	0	15.7	0
Moisture (%AR)	500.99	Other	132	6.77	8.56	6.58	15	5.05	2.57	0	15.7	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	118	0.135	0.134	0.132	1.14	0.21	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.169	0.169	0.173	1.36	0.26	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	198	0.1582	0.1598	0.1626	1.39	0.26	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.1806	0.1765	0.1761	1.4	0.27	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1846	0.18	0.1841	1.38	0.27	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.99	Other	154	0.1497	0.1459	0.1444	1.86	0.35	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.173	0.1671	0.1678	1.9	0.37	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.99	Other	183	0.1699	0.1691	0.1763	2.3	0.44	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.16	0.1523	0.1546	2.54	0.48	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.1629	0.153	0.1558	3.25	0.62	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.1523	0.1628	0.1577	3.33	0.63	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	207	0.129	0.131	0.138	3.56	0.66	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.60	NIR	187	0.1313	0.1387	0.1406	3.59	0.67	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	194	0.138	0.149	0.147	4.05	0.76	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	186	0.1481	0.1581	0.1622	4.65	0.88	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	206	0.1512	0.1616	0.1429	6.17	1.17	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1707	0.1798	0.1586	6.27	1.2	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.154	0.1697	0.1502	6.54	1.24	4.05	1.14	13.3	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.1635	0.1667	0.1868	7.33	1.41	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.171	0.144	0.158	8.56	1.63	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.30	Other LC-MS	201	0.3	0.33	0.36	9.09	1.93	4.05	1.14	13.3	0
Δ9-THC (%DW)	501.99	Other	172	0.1704	0.21	0.1662	13.3	2.57	4.05	1.14	13.3	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.30	Other LC-MS	201	0.64	<0.1000	<0.1000						1
Δ9-THCA (%DW)	502.10	Other LC-UV	186	0.0387	0.0396	0.0387	1.33	0.21	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.041	0.041	0.04	1.42	0.22	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.0513	0.0508	0.0495	1.84	0.29	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.60	NIR	187	0.0364	0.0352	0.0344	2.85	0.43	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.99	Other	183	0.0639	0.0625	0.0605	2.74	0.45	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	207	0.034	0.036	0.036	3.27	0.5	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	198	0.0454	0.0454	0.0481	3.37	0.53	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.0462	0.0473	0.0514	5.67	0.9	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.99	Other	154	0.0727	0.0692	0.0648	5.75	0.96	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.0502	0.0573	0.0524	6.82	1.1	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0682	0.0624	0.0715	6.84	1.14	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0406	0.047	0.0437	7.31	1.15	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0616	0.0532	0.0598	7.6	1.24	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.0384	0.0385	0.0452	9.58	1.48	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0436	0.0342	0.0313	17.7	2.7	8.56	1.33	37.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.064	0.047	0.065	17.2	2.82	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	206	0.0389	0.0573	0.0409	22.1	3.48	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0847	0.0416	0.0925	37.6	6.36	8.56	1.33	37.6	0
Δ9-THCA (%DW)	502.99	Other	172	0.0938	0.046	0.1024	37.6	6.47	8.56	1.33	37.6	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	204	2.8248	2.8126	2.8166	0.22	0.06	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	206	2.6475	2.6616	2.6582	0.28	0.08	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	116	3.0947	3.0976	3.0683	0.52	0.16	2.26	0.22	14.8	0
CBD (%DW)	503.60	NIR	187	2.2444	2.2703	2.2761	0.75	0.21	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	186	2.6824	2.7092	2.7228	0.76	0.22	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	118	2.265	2.226	2.253	0.89	0.25	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	196	2.766	2.804	2.812	0.88	0.26	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	172	2.978	3.0021	2.9174	1.47	0.43	2.26	0.22	14.8	0
CBD (%DW)	503.99	Other	172	3.2966	3.3233	3.2296	1.47	0.44	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	194	2.912	2.904	2.812	1.93	0.57	2.26	0.22	14.8	0
CBD (%DW)	503.99	Other	154	2.6305	2.5717	2.524	2.07	0.6	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	198	3.0203	3.1404	3.1918	2.82	0.84	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	142	3.0887	2.9492	2.9284	2.92	0.86	2.26	0.22	14.8	0
CBD (%DW)	503.99	Other	183	3.0063	3.0915	3.1936	3.03	0.9	2.26	0.22	14.8	0
CBD (%DW)	503.10	Other LC-UV	207	2.665	2.79	2.841	3.27	0.96	2.26	0.22	14.8	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	2.6008	2.8244	2.7607	4.22	1.23	2.26	0.22	14.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%DW)	503.10	Other LC-UV	109	3.079	2.696	2.994	6.88	2.03	2.26	0.22	14.8	0
CBD (%DW)	503.30	Other LC-MS	105	2.82	2.65	2.43	7.43	2.15	2.26	0.22	14.8	0
CBD (%DW)	503.30	Other LC-MS	201	2.98	3.57	4.02	14.8	4.48	2.26	0.22	14.8	0

CBDA (%DW)

CBDA (%DW)	504.99	Other	172	4.4211	4.4282	4.4189	0.11	0.03	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	172	3.9938	4.0002	3.9918	0.11	0.03	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	206	3.7878	3.7651	3.786	0.33	0.1	1.92	0.11	16.9	0
CBDA (%DW)	504.99	Other	154	3.3019	3.2694	3.269	0.58	0.17	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	196	3.936	3.981	3.99	0.73	0.22	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	186	3.8614	3.9238	3.8959	0.8	0.25	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	118	3.514	3.463	3.416	1.41	0.43	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	204	4.0653	3.9625	3.9702	1.43	0.44	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	116	4.0662	4.0377	3.9505	1.5	0.46	1.92	0.11	16.9	0
CBDA (%DW)	504.60	NIR	187	3.405	3.4	3.3067	1.64	0.49	1.92	0.11	16.9	0
CBDA (%DW)	504.99	Other	183	4.7647	4.727	4.906	1.97	0.62	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	198	3.5783	3.6243	3.7338	2.19	0.67	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	142	3.6113	3.5286	3.6986	2.35	0.71	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	207	3.254	3.44	3.437	3.15	0.95	1.92	0.11	16.9	0
CBDA (%DW)	504.30	Other LC-MS	105	3.54	3.58	3.34	3.69	1.11	1.92	0.11	16.9	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.5926	3.8776	3.7514	3.82	1.17	1.92	0.11	16.9	0
CBDA (%DW)	504.10	Other LC-UV	109	4.925	4.338	4.812	6.64	2.1	1.92	0.11	16.9	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.30	Other LC-MS	201	3.56	4.6	4.99	16.9	5.27	1.92	0.11	16.9	0
CBN (%DW)												
CBN (%DW)	505.30	GC-FID	116	0.0461	<0.0400	<0.0400						1
CBN (%DW)	505.10	Other LC-UV	207	0.016	<0.0130	0.025						1
CBN (%DW)	505.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205						1
CBN (%DW)	505.20	Other LC-MS	201	<0.1000	<0.1000	<0.1000						1
CBN (%DW)	505.10	Other LC-UV	116	<0.0400	<0.0400	<0.0400						1
CBN (%DW)	505.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	198	0.0856	0.0853	0.0877	1.52	0.26	8.16	1.52	18.4	0
CBN (%DW)	505.99	Other	154	0.0153	0.0157	0.0149	2.61	0.35	8.16	1.52	18.4	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.017	0.0175	0.018	2.86	0.39	8.16	1.52	18.4	0
CBN (%DW)	505.10	Other LC-UV	192	0.02	0.0216	0.0215	4.26	0.6	8.16	1.52	18.4	0
CBN (%DW)	505.10	Other LC-UV	142	0.0192	0.0206	0.017	9.58	1.32	8.16	1.52	18.4	0
CBN (%DW)	505.10	Other LC-UV	186	0.0223	0.0188	0.0191	9.67	1.35	8.16	1.52	18.4	0
CBN (%DW)	505.20	Other LC-MS	105	0.0192	0.0164	0.02	10.2	1.41	8.16	1.52	18.4	0
CBN (%DW)	505.99	Other	183	0.0196	0.018	0.022	10.1	1.41	8.16	1.52	18.4	0
CBN (%DW)	505.10	Other LC-UV	206	0.0181	0.0221	0.0171	13.9	1.92	8.16	1.52	18.4	0
CBN (%DW)	505.10	Other LC-UV	204	0.0277	0.0201	0.0208	18.4	2.61	8.16	1.52	18.4	0
Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1548	0.1543	0.1551	0.26	0.05	3.17	0.26	58.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.17	0.17	0.167	1.02	0.2	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.2246	0.2268	0.2221	1.05	0.21	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.1714	0.1682	0.1678	1.17	0.22	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.99	Other	172	0.2527	0.2503	0.256	1.13	0.23	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.99	Other	183	0.226	0.2239	0.2293	1.2	0.24	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	198	0.198	0.1996	0.2047	1.74	0.34	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.218	0.2117	0.2112	1.77	0.35	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.99	Other	181	0.296	0.286	0.288	1.82	0.38	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.207	0.199	0.2	2.16	0.43	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.1937	0.186	0.1942	2.4	0.47	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2118	0.2182	0.2071	2.62	0.52	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2386	0.2266	0.2365	2.74	0.55	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.1594	0.1687	0.1672	3.02	0.58	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.99	Other	154	0.2135	0.2066	0.2012	2.98	0.59	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	207	0.159	0.162	0.17	3.47	0.66	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.2227	0.2077	0.2185	3.58	0.71	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	186	0.1821	0.1928	0.1961	3.85	0.75	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.1879	0.204	0.196	4.11	0.81	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2291	0.2388	0.2175	4.67	0.94	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.2283	0.2062	0.2313	6.18	1.23	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.2041	0.2083	0.2319	6.98	1.39	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	206	0.1854	0.2119	0.1788	9.12	1.78	3.17	0.26	58.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.227	0.185	0.215	10.4	2.05	3.17	0.26	58.4	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	201	0.87	0.33	0.36	58.4	13.26	3.17	0.26	58.4	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	206	5.9695	5.9637	5.9784	0.12	0.04	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	192	6.538	6.5982	6.5443	0.5	0.17	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	186	6.0688	6.1504	6.1395	0.72	0.24	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	172	6.4806	6.5103	6.4182	0.73	0.24	2.53	0.12	15.8	0
Total CBD (%DW)	507.99	Other	172	7.1739	7.2068	7.105	0.72	0.24	2.53	0.12	15.8	0
Total CBD (%DW)	507.60	NIR	187	5.2319	5.2532	5.175	0.77	0.25	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	196	6.218	6.295	6.312	0.8	0.26	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	204	6.3901	6.2877	6.2985	0.89	0.29	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	118	5.346	5.263	5.248	1	0.32	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	116	6.6607	6.6387	6.5329	1.03	0.34	2.53	0.12	15.8	0
Total CBD (%DW)	507.99	Other	154	5.5263	5.4389	5.3909	1.26	0.41	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	142	6.2558	6.0438	6.1721	1.73	0.57	2.53	0.12	15.8	0
Total CBD (%DW)	507.99	Other	183	7.185	7.2371	7.4962	2.28	0.77	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	198	6.1585	6.3189	6.4663	2.44	0.81	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	207	5.518	5.807	5.855	3.18	1.04	2.53	0.12	15.8	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	5.7515	6.2251	6.0507	3.99	1.31	2.53	0.12	15.8	0
Total CBD (%DW)	507.30	Other LC-MS	105	5.92	5.79	5.36	5.15	1.68	2.53	0.12	15.8	0
Total CBD (%DW)	507.10	Other LC-UV	109	7.397	6.5	7.215	6.74	2.26	2.53	0.12	15.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total CBD (%DW)	507.40	GC-FID	116	6.4185	6.3099	7.3564	8.59	2.86	2.53	0.12	15.8	0
Total CBD (%DW)	507.40	GC-FID	138	7.6572	9.1375	7.4882	11.2	3.84	2.53	0.12	15.8	0
Total CBD (%DW)	507.30	Other LC-MS	201	6.11	7.6	8.4	15.8	5.33	2.53	0.12	15.8	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	207	<0.0130	<0.0130	<0.0130						1
CBDV (%DW)	508.99	Other	201	<0.1000	0.1	0.11						1
CBDV (%DW)	508.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDV (%DW)	508.99	Other	206	0	0	0						1
CBDV (%DW)	508.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	183	0	0	0						1
CBDV (%DW)	508.99	Other	186	0.0224	0.0222	0.0226	0.89	0.13				0
CBDV (%DW)	508.99	Other	142	0.0308	0.034	0.0287	8.56	1.28				0

CBDVA (%DW)

CBDVA (%DW)	509.99	Other	201	<0.1000	0.46	0.46						1
CBDVA (%DW)	509.99	Other	206	0.026	0.0259	0.0256	0.81	0.12				0
CBDVA (%DW)	509.99	Other	183	0.0487	0.0491	0.0503	1.69	0.27				0
CBDVA (%DW)	509.99	Other	196	0.0334	0.0354	0.0353	3.25	0.49				0
CBDVA (%DW)	509.99	Other	154	0.0555	0.0509	0.0542	4.43	0.72				0
CBDVA (%DW)	509.99	Other	186	0.0477	0.0536	0.0537	6.65	1.07				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBG (%DW)								
CBG (%DW)	510.99	Other	207	<0.0130	<0.0130	<0.0130						1
CBG (%DW)	510.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%DW)	510.99	Other	196	0.0657	0.0661	0.0652	0.69	0.11	12.79	0.69	31.3	0
CBG (%DW)	510.99	Other	204	0.0858	0.083	0.0815	2.62	0.45	12.79	0.69	31.3	0
CBG (%DW)	510.99	Other	183	0.0792	0.0759	0.0852	5.89	1.01	12.79	0.69	31.3	0
CBG (%DW)	510.99	Other	201	0.2	0.24	0.24	10.2	2.04	12.79	0.69	31.3	0
CBG (%DW)	510.99	Other	206	0.0756	0.0592	0.0602	14.1	2.35	12.79	0.69	31.3	0
CBG (%DW)	510.99	Other	186	0.0219	0.0327	0.0257	20.5	2.98	12.79	0.69	31.3	0
CBG (%DW)	510.99	Other	142	0.0779	0.0582	0.0848	18.7	3.18	12.79	0.69	31.3	0
CBG (%DW)	510.99	Other	105	0.0581	0.108	0.107	31.3	5.48	12.79	0.69	31.3	0

CBGA (%DW)												
CBGA (%DW)	511.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBGA (%DW)	511.99	Other	201	<0.1000	0.5	0.53						1
CBGA (%DW)	511.99	Other	196	0.1087	0.1099	0.1105	0.84	0.15	4.04	0.84	6.85	0
CBGA (%DW)	511.99	Other	186	0.1226	0.1248	0.1233	0.91	0.17	4.04	0.84	6.85	0
CBGA (%DW)	511.99	Other	154	0.1465	0.1377	0.1447	3.25	0.61	4.04	0.84	6.85	0
CBGA (%DW)	511.99	Other	207	0.085	0.087	0.093	4.71	0.82	4.04	0.84	6.85	0
CBGA (%DW)	511.99	Other	204	0.127	0.1267	0.1165	4.84	0.89	4.04	0.84	6.85	0
CBGA (%DW)	511.99	Other	206	0.1152	0.1034	0.1083	5.44	0.98	4.04	0.84	6.85	0
CBGA (%DW)	511.99	Other	183	0.1362	0.1263	0.1407	5.48	1.02	4.04	0.84	6.85	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%DW)	511.99	Other	142	0.1231	0.1162	0.1331	6.85	1.25	4.04	0.84	6.85	0
THCV (%DW)												
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	201	<0.1000	<0.1000	<0.1000						1
THCV (%DW)	512.99	Other	186	<0.0200	<0.0200	<0.0200						1
THCV (%DW)	512.99	Other	109	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%DW)	512.99	Other	183	0	0	0						1
THCV (%DW)	512.99	Other	206	0.0009	0.0007	0.0009	13.9	1.2				0
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%DW)	513.99	Other	109	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	206	0	0	0						1
Δ8-THC (%DW)	513.99	Other	186	<0.0200	<0.0200	<0.0200						1
Δ8-THC (%DW)	513.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	183	0	0	0						1
Δ8-THC (%DW)	513.99	Other	207	<0.0130	<0.0130	<0.0130						1
CBC (%DW)												
CBC (%DW)	514.99	Other	204	0.2461	0.2436	0.2435	0.6	0.12	3.69	0.6	33.8	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBC (%DW)	514.99	Other	186	0.2146	0.2167	0.2193	1.09	0.22	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	154	0.2352	0.2338	0.2302	1.11	0.22	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	196	0.2459	0.2506	0.2532	1.48	0.3	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	194	0.229	0.239	0.236	2.19	0.44	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	207	0.214	0.226	0.23	3.73	0.75	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	142	0.2437	0.2263	0.2317	3.81	0.77	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	206	0.2126	0.2271	0.2108	4.12	0.82	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	183	0.2557	0.2503	0.274	4.78	0.98	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	105	0.255	0.234	0.23	5.6	1.13	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	109	0.276	0.237	0.266	7.8	1.6	3.69	0.6	33.8	0
CBC (%DW)	514.99	Other	201	0.38	0.58	0.77	33.8	7.8	3.69	0.6	33.8	0

Cd (ug/g DW)

Cd (ug/g DW)	601.04	ICP-MS	105	0.209	0.207	0.22	3.3	0.66				0
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As (ug/g DW)

As (ug/g DW)	602.04	ICP-MS	105	0.67	0.638	0.731	6.95	1.64				0
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Hg (ug/g DW)

Hg (ug/g DW)	603.04	ICP-MS	105	0.0115	0.0115	0.0111	2.03	0.26				0
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				Pb (ug/g DW)								
Pb (ug/g DW)	604.04	ICP-MS	105	2.05	2.01	2.03	0.98	0.27				0
				Cu (ug/g DW)								
Cu (ug/g DW)	605.04	ICP-MS	105	16.5	15.3	14.7	5.91	2.24				0
				Ni (ug/g DW)								
Ni (ug/g DW)	606.04	ICP-MS	105	7.09	7.65	9.25	14	4.8				0
				Cr (ug/g DW)								
Cr (ug/g DW)	607.04	ICP-MS	105	14.8	16	15.6	3.95	1.49				0
				Se (ug/g DW)								
Se (ug/g DW)	608.04	ICP-MS	105	0.0685	0.0588	0.0863	19.6	3.3				0
				Zn (ug/g DW)								
Zn (ug/g DW)	611.04	ICP-MS	105	66.5	65.9	72.7	5.51	2.6				0

1. Flag definitions: 1 (Lab RSDr not calculated because there were less than 3 numeric lab results)

2. Statistical parameters of robust mean, minimum, and maximum for RSDr only shown only if there were 6 or more lab RSDr values.

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