

Hemp Proficiency Testing

All Labs Precision

HM20NOV-2



Sample: HM20NOV-2

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	0.086								1
Δ9-THC (%AR)	001.10	Other LC-UV	197	<0.0761	0.0753	<0.0746						1
Δ9-THC (%AR)	001.10	Other LC-UV	203	0.073	0.072							1
Δ9-THC (%AR)	001.10	Other LC-UV	123	0.088	0.095	<0.0890						1
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.091	0.091	0.091	0	0	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.0797	0.0802	0.0787	0.96	0.16	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.0758	0.0745	0.0745	1	0.17	4.9	0	15	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.0835	0.0832	0.0818	1.1	0.19	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.0983	0.0988	0.0966	1.18	0.21	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.0978	0.095	0.0969	1.48	0.26	4.9	0	15	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.0757	0.0782	0.0772	1.63	0.28	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.0962	0.0975	0.0944	1.62	0.29	4.9	0	15	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.0797	0.0776	0.0773	1.67	0.29	4.9	0	15	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.073	0.076	0.074	2.05	0.35	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.106	0.109	0.11	1.92	0.35	4.9	0	15	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	198	0.0801	0.0791	0.0766	2.29	0.39	4.9	0	15	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.0773	0.0737	0.0739	2.7	0.46	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	150	0.088	0.085	0.09	2.87	0.5	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.094	0.09	0.089	2.91	0.51	4.9	0	15	0
Δ9-THC (%AR)	001.99	Other	137	0.0799	0.0848	0.0816	3.03	0.52	4.9	0	15	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.0794	0.0752	0.0796	3.18	0.54	4.9	0	15	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.0994	0.0943	0.0942	3.1	0.55	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	125	0.0693	0.0686	0.0651	3.33	0.56	4.9	0	15	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.095	0.093	0.099	3.19	0.56	4.9	0	15	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.0668	0.0688	0.0643	3.38	0.56	4.9	0	15	0
Δ9-THC (%AR)	001.30	Other LC-MS	119	0.0951	0.0893	0.0937	3.26	0.57	4.9	0	15	0
Δ9-THC (%AR)	001.60	NIR	187	0.1406	0.1437	0.15	3.31	0.62	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.0663	0.0639	0.0688	3.69	0.62	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.0867	0.0815	0.0874	3.78	0.66	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.0625	0.0664	0.0612	4.27	0.71	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	202	0.0858	0.0797	0.08	4.2	0.72	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.087	0.081	0.081	4.17	0.72	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1049	0.1063	0.098	4.31	0.77	4.9	0	15	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.074	0.078	0.071	4.72	0.8	4.9	0	15	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.0721	0.0703	0.0654	5.01	0.84	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	186	0.0785	0.0712	0.0769	5.08	0.86	4.9	0	15	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.0896	0.0832	0.0804	5.59	0.97	4.9	0	15	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)	001.30	Other LC-MS	188	0.0623	0.067	0.059	6.41	1.06	4.9	0	15	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.0697	0.0611	0.0668	6.64	1.11	4.9	0	15	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.079	0.086	0.0755	6.67	1.14	4.9	0	15	0
Δ9-THC (%AR)	001.99	Other	132	0.09	0.08	0.09	6.66	1.16	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.0767	0.0715	0.0661	7.42	1.25	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.0903	0.0805	0.0922	7.16	1.25	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.082	0.091	0.079	7.43	1.28	4.9	0	15	0
Δ9-THC (%AR)	001.99	Other	172	0.1045	0.09	0.0989	7.48	1.32	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.0781	0.0787	0.0895	7.81	1.35	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.058	0.049	0.054	8.4	1.36	4.9	0	15	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	193	0.07	0.07	0.06	8.66	1.45	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	132	0.081	0.077	0.068	8.84	1.5	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.0864	0.0814	0.0964	8.67	1.51	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.0409	0.0474	0.0493	9.6	1.52	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	145	0.5	0.55	0.48	7.07	1.6	4.9	0	15	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	155	0.093	0.087	0.077	9.44	1.64	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.0723	0.0865	0.0726	10.5	1.79	4.9	0	15	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	108	0.0829	0.0657	0.0774	11.7	1.98	4.9	0	15	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.097	0.073	0.092	14.5	2.52	4.9	0	15	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.075	0.073	0.095	15	2.58	4.9	0	15	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	178	0.044								1
Δ9-THCA (%AR)	002.10	Other LC-UV	203	0.049	0.048							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	123	<0.0880	<0.0910	0.106						1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0761	<0.0753	<0.0746						1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0800	<0.0800	<0.0800						1
Δ9-THCA (%AR)	002.10	Other LC-UV	186	0.0422	0.0417	0.0419	0.6	0.09	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.0509	0.0514	0.0514	0.56	0.09	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0518	0.0516	0.0523	0.7	0.11	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.083	0.084	0.084	0.69	0.12	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.045	0.045	0.046	1.27	0.2	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0286	0.0281	0.0278	1.43	0.21	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.069	0.07	0.071	1.43	0.24	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0552	0.0538	0.0535	1.68	0.27	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0501	0.0483	0.0488	1.89	0.3	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.053	0.052	0.051	1.92	0.31	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0436	0.0422	0.0444	2.57	0.4	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	119	0.0588	0.056	0.0563	2.7	0.44	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.052	0.055	0.053	2.86	0.46	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	207	0.037	0.037	0.039	3.07	0.47	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	188	0.0534	0.0556	0.0526	2.88	0.47	5.39	0.56	21.7	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)	002.02	AOAC 2018.11, U	108	0.0638	0.063	0.0604	2.85	0.47	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.0487	0.0475	0.0457	3.19	0.51	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.0561	0.0523	0.0552	3.64	0.59	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.99	Other	137	0.0495	0.051	0.0474	3.67	0.59	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.0395	0.0405	0.0375	3.9	0.6	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	145	0.54	0.55	0.57	2.76	0.63	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.99	Other	172	0.0576	0.0609	0.0565	3.93	0.64	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.048	0.051	0.047	4.28	0.68	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0508	0.0466	0.0483	4.35	0.69	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0557	0.0509	0.0554	4.98	0.81	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.062	0.067	0.061	5.08	0.84	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.028	0.0256	0.0252	5.77	0.84	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0497	0.0523	0.0553	5.34	0.86	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.0512	0.047	0.0461	5.66	0.9	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	202	0.0437	0.0488	0.0451	5.74	0.91	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.058	0.054	0.052	5.59	0.91	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0562	0.0558	0.0506	5.76	0.93	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0523	0.0473	0.047	6.09	0.97	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0651	0.0733	0.0689	5.94	1	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.056	0.0625	0.0552	6.91	1.13	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0813	0.0714	0.0741	6.77	1.15	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0587	0.052	0.0593	7.15	1.17	5.39	0.56	21.7	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	124	0.0302	0.0304	0.0262	8.19	1.21	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	198	0.0501	0.0434	0.0432	8.62	1.36	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0666	0.0555	0.0607	9.11	1.5	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	125	0.0647	0.063	0.0745	9.21	1.54	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	132	0.025	0.031	0.028	10.7	1.57	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.0698	0.0726	0.0604	9.45	1.58	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.046	0.038	0.048	12	1.89	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.037	0.0304	0.039	12.7	1.93	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.60	NIR	187	0.0371	0.038	0.0294	13.6	2.06	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	150	0.065	0.05	0.053	14.2	2.31	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0568	0.0574	0.0436	14.8	2.39	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	155	0.055	0.059	0.043	15.9	2.56	5.39	0.56	21.7	0
Δ9-THCA (%AR)	002.99	Other	132	0.02	0.03	0.03	21.7	3.15	5.39	0.56	21.7	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	203	1.391	1.377							1
CBD (%AR)	003.10	Other LC-UV	178	1.413								1
CBD (%AR)	003.10	Other LC-UV	204	1.4918	1.4935	1.4937	0.07	0.02	2.61	0.07	7.84	0
CBD (%AR)	003.02	AOAC 2018.11, U	108	1.43	1.437	1.427	0.36	0.09	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	106	1.648	1.658	1.659	0.37	0.1	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	162	1.5754	1.5791	1.5869	0.37	0.1	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	144	1.5596	1.557	1.549	0.36	0.1	2.61	0.07	7.84	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	1.666	1.673	1.658	0.45	0.12	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	113	1.4675	1.4556	1.4565	0.45	0.12	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	189	1.454	1.467	1.449	0.64	0.17	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	186	1.4165	1.3982	1.4206	0.84	0.22	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	191	1.4331	1.4483	1.4591	0.9	0.24	2.61	0.07	7.84	0
CBD (%AR)	003.01	AOAC 2018.10	193	1	0.99	0.98	1.01	0.25	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	207	1.29	1.282	1.315	1.33	0.35	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	196	1.4836	1.4903	1.4515	1.41	0.37	2.61	0.07	7.84	0
CBD (%AR)	003.30	Other LC-MS	122	1.2105	1.2023	1.1765	1.48	0.38	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	150	1.333	1.3	1.333	1.44	0.38	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	123	1.59	1.615	1.564	1.6	0.43	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	116	1.5826	1.597	1.6333	1.63	0.44	2.61	0.07	7.84	0
CBD (%AR)	003.30	Other LC-MS	164	1.5241	1.5673	1.5231	1.64	0.44	2.61	0.07	7.84	0
CBD (%AR)	003.01	AOAC 2018.10	155	1.161	1.185	1.137	2.07	0.53	2.61	0.07	7.84	0
CBD (%AR)	003.60	NIR	187	1.3781	1.3415	1.3983	2.1	0.55	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	145	15.61	15.3	15.14	1.56	0.59	2.61	0.07	7.84	0
CBD (%AR)	003.99	Other	137	1.44	1.51	1.44	2.76	0.73	2.61	0.07	7.84	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	1.3583	1.3104	1.387	2.86	0.75	2.61	0.07	7.84	0
CBD (%AR)	003.01	AOAC 2018.10	168	1.5444	1.472	1.5603	3.09	0.82	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	125	1.4781	1.4658	1.3941	3.14	0.83	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	198	1.5899	1.5193	1.4981	3.13	0.84	2.61	0.07	7.84	0
CBD (%AR)	003.01	AOAC 2018.10	152	1.5493	1.472	1.4564	3.33	0.89	2.61	0.07	7.84	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	202	1.2587	1.2275	1.3163	3.55	0.92	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	142	1.5242	1.465	1.5697	3.45	0.92	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	172	1.611	1.567	1.503	3.48	0.93	2.61	0.07	7.84	0
CBD (%AR)	003.30	Other LC-MS	149	1.395	1.452	1.497	3.53	0.94	2.61	0.07	7.84	0
CBD (%AR)	003.99	Other	172	1.7902	1.7413	1.6702	3.48	0.95	2.61	0.07	7.84	0
CBD (%AR)	003.30	Other LC-MS	119	1.7378	1.6243	1.7101	3.5	0.95	2.61	0.07	7.84	0
CBD (%AR)	003.99	Other	132	1.36	1.32	1.42	3.68	0.97	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	197	1.537	1.446	1.547	3.69	0.98	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	141	1.2351	1.2315	1.3157	3.78	0.98	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	200	1.3294	1.3601	1.4438	4.3	1.13	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	109	1.635	1.646	1.523	4.25	1.14	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	132	1.278	1.169	1.256	4.67	1.21	2.61	0.07	7.84	0
CBD (%AR)	003.30	Other LC-MS	188	1.6876	1.6555	1.5396	4.78	1.29	2.61	0.07	7.84	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	1.2615	1.391	1.2935	5.13	1.34	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	184	1.4857	1.4046	1.3148	6.1	1.61	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	192	1.7007	1.5378	1.5281	6.1	1.64	2.61	0.07	7.84	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	1.4727	1.3065	1.2758	7.84	2.05	2.61	0.07	7.84	0
CBD (%AR)	003.10	Other LC-UV	149	1.353	1.558	1.377	7.84	2.07	2.61	0.07	7.84	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	203	3.476	3.388							1
CBDA (%AR)	004.10	Other LC-UV	178	3.226								1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	163	3.707	3.699	3.702	0.11	0.03	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	204	3.3638	3.3478	3.3581	0.24	0.07	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	189	3.139	3.145	3.128	0.28	0.08	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	106	3.389	3.412	3.409	0.37	0.11	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	186	3.3024	3.2907	3.3313	0.63	0.19	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	123	3.003	3.008	2.971	0.67	0.2	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	150	2.667	2.633	2.667	0.74	0.21	2.88	0.11	11.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	3.1935	3.1362	3.1553	0.92	0.27	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	200	3.3313	3.3714	3.3971	0.98	0.3	2.88	0.11	11.1	0
CBDA (%AR)	004.01	AOAC 2018.10	193	3.2	3.27	3.2	1.25	0.37	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	196	3.359	3.378	3.296	1.28	0.39	2.88	0.11	11.1	0
CBDA (%AR)	004.30	Other LC-MS	188	3.3956	3.475	3.4025	1.28	0.39	2.88	0.11	11.1	0
CBDA (%AR)	004.30	Other LC-MS	122	2.7282	2.6628	2.6506	1.56	0.45	2.88	0.11	11.1	0
CBDA (%AR)	004.01	AOAC 2018.10	155	2.783	2.822	2.736	1.55	0.45	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	145	36.12	36.63	37.04	1.26	0.54	2.88	0.11	11.1	0
CBDA (%AR)	004.30	Other LC-MS	164	3.7497	3.7327	3.6256	1.82	0.55	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	142	2.3597	2.3571	2.4413	2.01	0.57	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	191	3.4969	3.5627	3.6348	1.93	0.59	2.88	0.11	11.1	0
CBDA (%AR)	004.01	AOAC 2018.10	168	3.4733	3.3339	3.3986	2.05	0.62	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	116	3.207	3.2175	3.3296	2.09	0.63	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	184	3.3473	3.3333	3.473	2.27	0.68	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	192	3.2288	3.1409	3.0685	2.55	0.76	2.88	0.11	11.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.10	Other LC-UV	162	3.4483	3.4095	3.5939	2.79	0.84	2.88	0.11	11.1	0
CBDA (%AR)	004.60	NIR	187	3.5625	3.5741	3.3894	2.95	0.89	2.88	0.11	11.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.7637	2.7509	2.9115	3.18	0.93	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	202	2.806	2.7212	2.9067	3.3	0.97	2.88	0.11	11.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	108	3.042	2.904	2.845	3.45	1.02	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	207	2.738	2.756	2.922	3.62	1.06	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	197	3.392	3.64	3.553	3.57	1.08	2.88	0.11	11.1	0
CBDA (%AR)	004.99	Other	137	3.43	3.6	3.36	3.56	1.08	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	132	2.096	1.946	2.075	3.98	1.11	2.88	0.11	11.1	0
CBDA (%AR)	004.99	Other	132	2.23	2.06	2.16	3.97	1.12	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	194	3.693	3.746	3.971	3.88	1.19	2.88	0.11	11.1	0
CBDA (%AR)	004.30	Other LC-MS	119	3.35	3.1169	3.1252	4.14	1.23	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	141	3.2458	3.2937	3.0362	4.29	1.28	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	172	3.717	3.577	3.393	4.56	1.38	2.88	0.11	11.1	0
CBDA (%AR)	004.99	Other	172	4.1305	3.9749	3.7704	4.56	1.41	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	109	4.237	4.299	3.927	4.8	1.49	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	125	3.387	3.1706	3.0653	5.11	1.53	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	198	3.3162	2.9941	2.9696	6.25	1.86	2.88	0.11	11.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	2.6445	3.032	2.8225	6.85	2.01	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	144	3.1197	3.2427	3.5965	7.46	2.24	2.88	0.11	11.1	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.1473	2.7214	2.7615	8.18	2.4	2.88	0.11	11.1	0
CBDA (%AR)	004.10	Other LC-UV	149	3.09	3.576	3.142	8.16	2.44	2.88	0.11	11.1	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%AR)	004.30	Other LC-MS	149	2.46	2.915	3.06	11.1	3.26	2.88	0.11	11.1	0
CBN (%AR)												
CBN (%AR)	005.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	145	<0.2500	<0.2500	<0.2500						1
CBN (%AR)	005.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.02	AOAC 2018.11, U	108	<0.0030	<0.0030	<0.0030						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0761	<0.0753	<0.0746						1
CBN (%AR)	005.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270						1
CBN (%AR)	005.01	AOAC 2018.10	168	<0.0250	<0.0250	<0.0250						1
CBN (%AR)	005.99	Other	137	<0.0298	<0.0297	<0.0298						1
CBN (%AR)	005.10	Other LC-UV	132	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	123	<0.0880	<0.0910	<0.0890						1
CBN (%AR)	005.20	Other LC-MS	188	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	203	0.022	0.023							1
CBN (%AR)	005.10	Other LC-UV	178	0.024								1
CBN (%AR)	005.30	GC-FID	116	0.0414	<0.0400	<0.0400						1
CBN (%AR)	005.10	Other LC-UV	116	<0.0400	<0.0400	0.0416						1
CBN (%AR)	005.99	Other	132	0.02	0.02	0.02	0	0	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	204	0.024	0.0241	0.0239	0.42	0.06	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	142	0.0233	0.0237	0.0232	1.13	0.16	5.38	0	45	0
CBN (%AR)	005.20	Other LC-MS	119	0.0284	0.0276	0.0283	1.55	0.23	5.38	0	45	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.20	Other LC-MS	122	0.0258	0.025	0.0249	1.95	0.28	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	162	0.0192	0.0201	0.02	2.5	0.35	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	200	0.0244	0.0257	0.0252	2.61	0.38	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	196	0.0244	0.0252	0.0238	2.87	0.41	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	125	0.0271	0.0287	0.0287	3.28	0.48	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	186	0.0224	0.0229	0.024	3.54	0.5	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	189	0.026	0.025	0.027	3.85	0.56	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	144	0.0193	0.0198	0.0211	4.63	0.65	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	198	0.0502	0.0469	0.0464	4.32	0.69	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	207	0.021	0.021	0.023	5.33	0.75	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	192	0.0206	0.0199	0.0184	5.72	0.8	5.38	0	45	0
CBN (%AR)	005.30	GC-FID	163	0.046	0.048	0.051	5.21	0.83	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	202	0.0207	0.0221	0.0234	6.12	0.87	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	149	0.024	0.026	0.023	6.28	0.9	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	141	0.0143	0.0164	0.0149	7.12	0.95	5.38	0	45	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.018	0.021	0.02	7.77	1.08	5.38	0	45	0
CBN (%AR)	005.30	GC-FID	138	0.0425	0.047	0.0413	6.89	1.08	5.38	0	45	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0227	0.0191	0.0212	8.61	1.21	5.38	0	45	0
CBN (%AR)	005.20	Other LC-MS	149	0.023	0.022	0.019	9.76	1.37	5.38	0	45	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0335	0.0403	0.0343	10.3	1.57	5.38	0	45	0
CBN (%AR)	005.01	AOAC 2018.10	155	0.026	0.03	0.024	11.5	1.67	5.38	0	45	0
CBN (%AR)	005.10	Other LC-UV	106	0.018	0.018	0.024	17.3	2.41	5.38	0	45	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.30	GC-FID	185	0.0173	0.0238	0.0412	45	6.58	5.38	0	45	0
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.10	Other LC-UV	203	0.12	0.11							1
Total Δ9-THC (%AR)	006.10	Other LC-UV	178	0.125								1
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	<0.0761	0.0753	<0.0746						1
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.165	0.164	0.164	0.35	0.07	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.1203	0.1191	0.1196	0.5	0.09	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.184	0.183	0.185	0.54	0.11	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.1225	0.1218	0.1188	1.62	0.3	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.1719	0.1774	0.1756	1.6	0.31	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1122	0.1101	0.1143	1.87	0.34	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	202	0.1241	0.1225	0.1196	1.87	0.34	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.124	0.1202	0.1247	1.97	0.36	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.0992	0.0955	0.0985	2.01	0.36	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1421	0.139	0.1362	2.12	0.4	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.1431	0.14	0.1369	2.21	0.41	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.1257	0.1209	0.1209	2.26	0.41	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.1406	0.1475	0.1422	2.52	0.47	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	125	0.126	0.1239	0.1304	2.62	0.48	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	119	0.1467	0.1384	0.1431	2.92	0.55	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.0875	0.0911	0.0856	3.17	0.55	4.84	0.35	16.6	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)	006.02	AOAC 2018.11, U	152	0.1482	0.1389	0.1427	3.26	0.61	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.1155	0.1098	0.1172	3.4	0.61	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.1492	0.1406	0.1489	3.34	0.63	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	186	0.1155	0.1077	0.1136	3.62	0.65	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3175	0.3054	0.3259	3.26	0.69	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.12	0.126	0.117	3.79	0.69	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	123	0.088	0.095	0.093	3.92	0.69	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.1449	0.1374	0.1346	3.83	0.71	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1316	0.1301	0.1221	3.99	0.73	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.99	Other	172	0.155	0.1434	0.1485	3.9	0.74	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	112	0.14	0.15	0.14	4.03	0.75	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	198	0.1241	0.1171	0.1145	4.19	0.76	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.228	0.212	0.2156	3.84	0.77	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.13	0.13	0.14	4.33	0.8	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	145	0.97	1.03	0.98	3.24	0.81	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.1409	0.1413	0.1303	4.54	0.84	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.1137	0.1035	0.1096	4.71	0.85	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	188	0.1091	0.1158	0.1051	4.91	0.88	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1542	0.1552	0.1424	4.73	0.89	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.99	Other	132	0.11	0.11	0.12	5.09	0.92	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1374	0.1364	0.1492	5.05	0.94	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	207	0.09	0.081	0.088	5.47	0.95	4.84	0.35	16.6	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	114	0.0927	0.0946	0.1028	5.55	0.98	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1378	0.1403	0.1264	5.5	1.02	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	150	0.144	0.129	0.137	5.49	1.02	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1136	0.1215	0.1084	5.76	1.04	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.124	0.136	0.121	6.25	1.15	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	132	0.103	0.105	0.092	7	1.24	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.1217	0.1246	0.138	6.79	1.25	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	108	0.1389	0.121	0.1303	6.88	1.27	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.1032	0.0982	0.0891	7.38	1.3	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.1448	0.1301	0.1496	7.18	1.34	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.129	0.131	0.148	7.68	1.43	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.1394	0.1335	0.1186	8.21	1.52	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1451	0.1695	0.1521	8.08	1.53	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1214	0.1413	0.121	9.07	1.67	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.1048	0.1261	0.1116	9.53	1.72	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.138	0.115	0.12	9.73	1.78	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.49	0.415	0.46	8.3	1.85	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	155	0.142	0.139	0.115	11.2	2.07	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.0867	0.104	0.1095	11.9	2.11	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.138	0.106	0.134	13.8	2.54	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2151	0.1754	0.1612	15.2	2.95	4.84	0.35	16.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	185	0.1445	0.1873	0.1402	16.6	3.14	4.84	0.35	16.6	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	178	4.249								1
Total CBD (%AR)	007.10	Other LC-UV	203	4.44	4.35							1
Total CBD (%AR)	007.10	Other LC-UV	204	4.4419	4.4295	4.4388	0.14	0.05	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	189	4.207	4.225	4.192	0.39	0.12	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	145	47.29	47.43	47.62	0.35	0.16	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	186	4.3127	4.2842	4.3422	0.67	0.21	2.84	0.15	12	0
Total CBD (%AR)	007.40	GC-FID	163	4.549	4.614	4.597	0.74	0.23	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	150	3.672	3.609	3.672	1	0.3	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	123	4.224	4.253	4.17	1	0.31	2.84	0.15	12	0
Total CBD (%AR)	007.60	NIR	138	5.975	6.1	6.01	1.07	0.35	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	196	4.4294	4.4528	4.3421	1.32	0.41	2.84	0.15	12	0
Total CBD (%AR)	007.30	Other LC-MS	122	3.6031	3.5376	3.5011	1.46	0.44	2.84	0.15	12	0
Total CBD (%AR)	007.60	NIR	187	4.5025	4.4756	4.3722	1.55	0.48	2.84	0.15	12	0
Total CBD (%AR)	007.30	Other LC-MS	164	4.8126	4.8409	4.7028	1.52	0.48	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	191	4.4999	4.5727	4.6453	1.59	0.5	2.84	0.15	12	0
Total CBD (%AR)	007.01	AOAC 2018.10	155	3.601	3.659	3.537	1.7	0.51	2.84	0.15	12	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	4.3499	4.2225	4.2236	1.72	0.53	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	197	4.511	4.639	4.663	1.77	0.56	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	141	4.0817	4.12	3.9784	1.8	0.56	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	116	4.3952	4.4187	4.5534	1.92	0.6	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	162	4.5995	4.5692	4.7388	1.95	0.62	2.84	0.15	12	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	200	4.2509	4.3168	4.4231	2.01	0.63	2.84	0.15	12	0
Total CBD (%AR)	007.30	Other LC-MS	188	4.6664	4.7032	4.5241	2.04	0.64	2.84	0.15	12	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	108	4.097	3.984	3.922	2.22	0.68	2.84	0.15	12	0
Total CBD (%AR)	007.40	GC-FID	170	4.9267	4.7445	4.7446	2.19	0.69	2.84	0.15	12	0
Total CBD (%AR)	007.01	AOAC 2018.10	168	4.5905	4.3958	4.5409	2.24	0.7	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	142	3.5937	3.5322	3.7107	2.51	0.76	2.84	0.15	12	0
Total CBD (%AR)	007.40	GC-FID	116	4.775	4.6037	4.5611	2.44	0.77	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	207	3.691	3.699	3.878	2.81	0.86	2.84	0.15	12	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	3.782	3.7229	3.9404	2.95	0.9	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	194	4.8116	4.8553	5.0906	3.05	0.97	2.84	0.15	12	0
Total CBD (%AR)	007.40	GC-FID	185	7.2736	7.4277	7.7077	2.95	1	2.84	0.15	12	0
Total CBD (%AR)	007.99	Other	132	3.32	3.13	3.32	3.37	1.01	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	202	3.7196	3.614	3.8655	3.38	1.03	2.84	0.15	12	0
Total CBD (%AR)	007.30	Other LC-MS	119	4.6758	4.3579	4.4509	3.64	1.14	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	192	4.5323	4.2923	4.2191	3.77	1.18	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	132	3.118	2.88	3.078	4.21	1.25	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	172	4.8708	4.704	4.4787	4.2	1.33	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	125	4.4485	4.2464	4.0823	4.31	1.34	2.84	0.15	12	0
Total CBD (%AR)	007.99	Other	172	5.4126	5.2273	4.9768	4.2	1.35	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	109	5.351	5.416	4.967	4.63	1.49	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	144	4.2962	4.4015	4.7038	4.74	1.49	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	198	4.4982	4.4152	4.1025	4.81	1.5	2.84	0.15	12	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)	007.02	AOAC 2018.11, U	199	3.5807	4.0501	3.7688	6.22	1.9	2.84	0.15	12	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	4.2329	3.6932	3.6976	8.01	2.46	2.84	0.15	12	0
Total CBD (%AR)	007.10	Other LC-UV	149	4.062	4.695	4.133	8.07	2.52	2.84	0.15	12	0
Total CBD (%AR)	007.30	Other LC-MS	149	3.552	4.009	4.181	8.31	2.55	2.84	0.15	12	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.4187	4.816	4.3956	10.5	3.35	2.84	0.15	12	0
Total CBD (%AR)	007.40	GC-FID	138	5.5518	6.5945	5.4367	10.9	3.56	2.84	0.15	12	0
Total CBD (%AR)	007.40	GC-FID	169	4.9239	4.1514	3.9288	12	3.76	2.84	0.15	12	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0761	<0.0753	<0.0746						1
CBDV (%AR)	008.02	AOAC 2018.11, U	132	0.074	0.058	<0.0500						1
CBDV (%AR)	008.99	Other	203	<0.0040	<0.0040							1
CBDV (%AR)	008.99	Other	202	<0.0003	<0.0003	<0.0003						1
CBDV (%AR)	008.99	Other	186	<0.0200	<0.0200	<0.0200						1
CBDV (%AR)	008.02	AOAC 2018.11, U	108	<0.0050	<0.0050	<0.0050						1
CBDV (%AR)	008.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	193	<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	207	<0.0130	<0.0130	<0.0130						1
CBDV (%AR)	008.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDV (%AR)	008.99	Other	132	<0.0500	<0.0500	<0.0500						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	109	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	189	0.163	0.162	0.16	0.94	0.18	9.51	0.94	12	0
CBDV (%AR)	008.99	Other	149	0.013	0.012	0.011	8.33	1.08	9.51	0.94	12	0
CBDV (%AR)	008.99	Other	200	0.0029	0.003	0.0036	12	1.26	9.51	0.94	12	0
CBDV (%AR)	008.99	Other	155	0.031	0.031	0.026	9.84	1.45	9.51	0.94	12	0
CBDV (%AR)	008.99	Other	106	0.04	0.048	0.041	10.1	1.58	9.51	0.94	12	0
CBDV (%AR)	008.99	Other	142	0.021	0.025	0.026	11	1.58	9.51	0.94	12	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	203	<0.0100	<0.0110							1
CBDVA (%AR)	009.02	AOAC 2018.11, U	108	0.0569	0.0584	0.0585	1.55	0.25	8.03	1.55	18.9	0
CBDVA (%AR)	009.99	Other	196	0.0385	0.0392	0.0375	2.23	0.34	8.03	1.55	18.9	0
CBDVA (%AR)	009.01	AOAC 2018.10	155	0.036	0.036	0.034	3.27	0.5	8.03	1.55	18.9	0
CBDVA (%AR)	009.99	Other	149	0.035	0.033	0.029	9.45	1.42	8.03	1.55	18.9	0
CBDVA (%AR)	009.01	AOAC 2018.10	168	0.0881	0.069	0.0853	12.8	2.19	8.03	1.55	18.9	0
CBDVA (%AR)	009.99	Other	186	0.0189	0.0201	0.0266	18.9	2.68	8.03	1.55	18.9	0

CBG (%AR)

CBG (%AR)	010.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	132	<0.0500	0.04	0.05						1
CBG (%AR)	010.99	Other	194	<0.0270	<0.0270	<0.0270						1
CBG (%AR)	010.99	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	
CBG (%AR)	010.99	Other	123	<0.0880	<0.0910	<0.0890						1
CBG (%AR)	010.99	Other	162	<0.0100	0.0331	0.0207						1
CBG (%AR)	010.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	178	0.013								1
CBG (%AR)	010.99	Other	203	0.026	0.024							1
CBG (%AR)	010.99	Other	197	<0.0761	<0.0753	<0.0746						1
CBG (%AR)	010.99	Other	186	<0.0200	<0.0200	<0.0200						1
CBG (%AR)	010.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.01	AOAC 2018.10	155	<0.0227	<0.0227	0.026						1
CBG (%AR)	010.99	Other	119	0.0311	0.0301	0.0308	1.67	0.25	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	122	0.0265	0.0256	0.0256	2.01	0.29	9.59	1.67	43.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	108	0.049	0.049	0.0468	2.63	0.42	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	125	0.1402	0.134	0.1362	2.3	0.43	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	202	0.023	0.0233	0.0244	3.13	0.45	9.59	1.67	43.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	132	0.229	0.217	0.224	2.7	0.54	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	196	0.0223	0.0215	0.0233	4.03	0.57	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	204	0.0349	0.0333	0.0361	4.04	0.61	9.59	1.67	43.8	0
CBG (%AR)	010.02	AOAC 2018.11, U	152	0.1104	0.1092	0.1164	3.44	0.62	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	149	0.024	0.026	0.022	8.33	1.19	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	200	0.0253	0.0292	0.0311	10.4	1.52	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	189	0.019	0.026	0.026	17.1	2.44	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	141	0.0301	0.0375	0.0272	16.8	2.51	9.59	1.67	43.8	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	207	0.033	0.026	0.043	25.1	3.79	9.59	1.67	43.8	0
CBG (%AR)	010.01	AOAC 2018.10	168	0.051	0.0281	0.0466	29	4.52	9.59	1.67	43.8	0
CBG (%AR)	010.99	Other	142	0.0325	0.0155	0.0168	43.8	6.18	9.59	1.67	43.8	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	203	<0.0100	<0.0110							1
CBGA (%AR)	011.99	Other	178	0.038								1
CBGA (%AR)	011.99	Other	194	<0.0800	<0.0800	<0.0800						1
CBGA (%AR)	011.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500						1
CBGA (%AR)	011.99	Other	197	<0.0761	<0.0753	<0.0746						1
CBGA (%AR)	011.02	AOAC 2018.11, U	108	<0.0008	<0.0008	<0.0008						1
CBGA (%AR)	011.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.99	Other	123	<0.0880	<0.0910	<0.0890						1
CBGA (%AR)	011.99	Other	132	0.04	<0.0500	0.07						1
CBGA (%AR)	011.99	Other	122	0.0379	0.038	0.0376	0.55	0.08	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	125	0.0528	0.0536	0.0536	0.87	0.14	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	196	0.0423	0.042	0.0412	1.36	0.21	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	204	0.056	0.0545	0.0544	1.63	0.26	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	106	0.032	0.033	0.032	1.79	0.27	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	149	0.026	0.027	0.026	2.19	0.32	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	189	0.055	0.059	0.057	3.51	0.57	5	0.55	14.6	0
CBGA (%AR)	011.02	AOAC 2018.11, U	152	0.0349	0.0347	0.0324	4.09	0.62	5	0.55	14.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.01	AOAC 2018.10	168	0.0536	0.0497	0.0533	4.16	0.67	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	142	0.052	0.0473	0.0503	4.77	0.76	5	0.55	14.6	0
CBGA (%AR)	011.02	AOAC 2018.11, U	132	0.035	0.031	0.034	6.24	0.94	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	186	0.054	0.0521	0.048	5.97	0.96	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	188	0.0575	0.056	0.0506	6.63	1.08	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	141	0.0307	0.0361	0.0329	8.17	1.23	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	162	0.0471	0.0424	0.0403	8.05	1.26	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	202	0.0387	0.0454	0.0454	8.96	1.4	5	0.55	14.6	0
CBGA (%AR)	011.01	AOAC 2018.10	155	0.041	0.043	0.035	10.5	1.62	5	0.55	14.6	0
CBGA (%AR)	011.99	Other	207	0.027	0.034	0.036	14.6	2.19	5	0.55	14.6	0

THCV (%AR)

THCV (%AR)	012.99	Other	203	<0.0020	<0.0020							1
THCV (%AR)	012.99	Other	197	<0.0761	<0.0753	<0.0746						1
THCV (%AR)	012.99	Other	186	<0.0200	<0.0200	<0.0200						1
THCV (%AR)	012.99	Other	106	<0.0000	<0.0000	<0.0000						1
THCV (%AR)	012.99	Other	123	<0.0880	<0.0910	<0.0890						1
THCV (%AR)	012.99	Other	202	<0.0003	<0.0003	0.0026						1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.02	AOAC 2018.11, U	108	<0.0051	<0.0051	<0.0051						1
THCV (%AR)	012.99	Other	132	<0.0500	<0.0500	<0.0500						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
THCV (%AR)	012.02	AOAC 2018.11, U	132	0.04	0.04	<0.0500						1
THCV (%AR)	012.99	Other	168	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270						1
THCV (%AR)	012.99	Other	188	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	119	0.0104	0.0097	0.0104	3.98	0.5				0
THCV (%AR)	012.99	Other	189	0.075	0.083	0.081	5.23	0.9				0
THCV (%AR)	012.99	Other	149	0.007	0.007	0.005	18.2	2.14				0
THCV (%AR)	012.99	Other	200	0.0105	0.0049	0.0043	52.1	6.14				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	202	<0.0001	<0.0001	<0.0001						1
Δ8-THC (%AR)	013.99	Other	188	<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	149	<0.0240	<0.0240	<0.0220						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	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	197	<0.0761	<0.0753	<0.0746						1
Δ8-THC (%AR)	013.99	Other	203	<0.0020	<0.0020							1
Δ8-THC (%AR)	013.99	Other	207	<0.0130	<0.0130	<0.0130						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	123	<0.0880	<0.0910	<0.0890						1
Δ8-THC (%AR)	013.99	Other	106	<0.0000	<0.0000	<0.0000						1
Δ8-THC (%AR)	013.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	200	<0.0025	<0.0025	<0.0025						1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270						1
Δ8-THC (%AR)	013.99	Other	109	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	189	0.013	0.012	0.012	4.68	0.61				0

CBC (%AR)

CBC (%AR)	014.99	Other	203	0.111	0.108							1
CBC (%AR)	014.99	Other	186	0.1068	0.1072	0.1072	0.22	0.04	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	204	0.1191	0.1198	0.1193	0.3	0.06	3.68	0.22	37.6	0
CBC (%AR)	014.01	AOAC 2018.10	168	0.116	0.1159	0.1152	0.38	0.07	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	189	0.13	0.13	0.129	0.44	0.08	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	106	0.123	0.122	0.123	0.47	0.09	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	125	0.1124	0.1139	0.1115	1.08	0.19	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	196	0.1279	0.125	0.1233	1.85	0.34	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	119	0.1555	0.1493	0.1533	2.06	0.39	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	200	0.1124	0.1123	0.1081	2.21	0.4	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	207	0.109	0.105	0.112	3.23	0.58	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	197	0.104	0.111	0.105	3.55	0.64	3.68	0.22	37.6	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	188	0.1273	0.1337	0.125	3.5	0.65	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	123	0.13	0.122	0.122	3.7	0.68	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	109	0.138	0.14	0.13	3.89	0.72	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	142	0.1188	0.1088	0.114	4.39	0.79	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	149	0.11	0.118	0.108	4.72	0.85	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	162	0.1259	0.1316	0.1191	4.99	0.92	3.68	0.22	37.6	0
CBC (%AR)	014.02	AOAC 2018.11, U	108	0.1196	0.1341	0.1261	5.74	1.05	3.68	0.22	37.6	0
CBC (%AR)	014.02	AOAC 2018.11, U	132	0.119	0.101	0.098	10.7	1.92	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	132	0.1	0.11	0.13	13.5	2.44	3.68	0.22	37.6	0
CBC (%AR)	014.01	AOAC 2018.10	155	0.119	0.129	0.097	14.2	2.58	3.68	0.22	37.6	0
CBC (%AR)	014.99	Other	202	0.0669	0.1103	0.055	37.6	6.42	3.68	0.22	37.6	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	122	0.1811	0.1818	0.1811	0.22	0.04	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.2046	0.2011	0.2049	1.04	0.2	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1876	0.1869	0.1834	1.21	0.24	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.167	0.169	0.174	2.12	0.41	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	162	0.1605	0.161	0.1699	3.23	0.62	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	137	0.17	0.187	0.179	4.76	0.92	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.164	0.181	0.174	4.94	0.95	5.58	0.22	34.6	0
Cd (ug/g AR)	101.03	ICP-OES	132	0.152	0.14	0.156	5.58	1.05	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	145	0.181	0.168	0.161	5.97	1.15	5.58	0.22	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	168	0.194	0.216	0.214	5.85	1.16	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.179	0.222	0.217	11.4	2.26	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.1225	0.128	0.1575	13.8	2.57	5.58	0.22	34.6	0
Cd (ug/g AR)	101.04	ICP-MS	201	0.002	0.002	0.001	34.6	3.33	5.58	0.22	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	0.6736	0.6734	0.6739	0.04	0.01	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	196	1.14	1.14	1.16	1.01	0.26	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	194	0.7038	0.7531	0.7457	3.62	0.87	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	142	0.556	0.604	0.612	5.13	1.19	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	197	0.6545	0.5979	0.665	5.65	1.32	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	141	0.803	0.723	0.741	5.55	1.33	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	201	0.011	0.009	0.011	11.2	1.41	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	145	0.629	0.584	0.552	6.57	1.52	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	168	0.54	0.604	0.61	6.64	1.53	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	137	0.661	0.699	0.601	7.56	1.78	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	162	0.6063	0.5931	0.707	9.8	2.3	6.11	0.04	11.2	0
As (ug/g AR)	102.04	ICP-MS	183	0.528	0.538	0.634	10.3	2.38	6.11	0.04	11.2	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						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	168	<0.0130	<0.0130	<0.0140						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0990	<0.0990	<0.0958						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	141	<0.0139	<0.0139	<0.0139						1
Hg (ug/g AR)	103.04	ICP-MS	122	0.0054	0.005	0.0055	4.99	0.57				0
Hg (ug/g AR)	103.04	ICP-MS	137	0.01	0.0105	0.0113	6.19	0.78				0
Hg (ug/g AR)	103.04	ICP-MS	196	0.0133	0.0139	0.0154	7.62	1.01				0
Hg (ug/g AR)	103.04	ICP-MS	145	0.013	0.012	0.011	8.33	1.08				0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	122	2.2405	2.2404	2.2401	0.01	0	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	201	0.016	0.017	0.017	3.46	0.47	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	141	2.22	2.11	2.15	2.58	0.73	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	196	1.84	1.74	1.81	2.86	0.78	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	194	1.6034	1.6949	1.6043	3.22	0.87	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	168	1.83	1.78	1.93	4.14	1.14	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	197	1.6846	1.5391	1.6215	4.52	1.22	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	145	1.741	1.663	1.562	5.42	1.47	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	137	1.79	2.01	1.9	5.79	1.6	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	162	1.7725	1.8222	2.0493	7.84	2.16	5.34	0.01	17.3	0
Pb (ug/g AR)	104.04	ICP-MS	183	1.89	2.205	1.91	8.81	2.45	5.34	0.01	17.3	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	142	1.488	1.813	1.613	10	2.7	5.34	0.01	17.3	0
Pb (ug/g AR)	104.03	ICP-OES	132	1.6	1.2	1.2	17.3	4.53	5.34	0.01	17.3	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	11	10.9	10.6	1.92	0.69				0
Cu (ug/g AR)	105.03	ICP-OES	132	10	10.4	10.4	2.25	0.8				0
Cu (ug/g AR)	105.04	ICP-MS	142	7.653	12.899	12.607	26.7	9.58				0
Ni (ug/g AR)												
Ni (ug/g AR)	106.03	ICP-OES	132	2	2	2	0	0				0
Ni (ug/g AR)	106.04	ICP-MS	141	8.59	8.32	8.36	1.73	0.6				0
Ni (ug/g AR)	106.04	ICP-MS	196	7.66	7.34	7.54	2.15	0.73				0
Ni (ug/g AR)	106.04	ICP-MS	142	7.02	7.769	6.893	6.55	2.21				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	141	17.8	17.4	17.3	1.51	0.58				0
Cr (ug/g AR)	107.04	ICP-MS	197	18.9829	18.0105	19.1447	3.28	1.27				0
Cr (ug/g AR)	107.04	ICP-MS	196	15.9	15	15	3.4	1.28				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	4.362	4.311	6.976	29.2	9.38				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	197	0.2597	0.2535	0.2462	2.67	0.54				0
Se (ug/g AR)	108.04	ICP-MS	142	0.191	0.215	0.213	6.45	1.28				0
Se (ug/g AR)	108.04	ICP-MS	196	20.1	22.5	22.3	6.16	2.45				0
Se (ug/g AR)	108.04	ICP-MS	141	0.509	0.397	0.426	13.1	2.9				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	46.4	47.6	3.98	1.77				0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	141	69.4	70.4	71.9	1.78	0.85				0
Zn (ug/g AR)	111.04	ICP-MS	196	82.4	78.6	81.6	2.48	1.2				0
Zn (ug/g AR)	111.03	ICP-OES	132	48.8	48.8	52.8	4.61	2.08				0
Zn (ug/g AR)	111.04	ICP-MS	142	62.049	53.206	53.839	8.75	4.02				0
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	0.0382	0.0442	0.0403	7.44	1.15				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)	500.70	Commerc. Anal.	204	7.03	7.03	7.03	0	0	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	172	10.014	10.014	10.014	0	0	2.41	0	25	0
Moisture (%AR)	500.99	Other	142	6.25	6.25	6.25	0	0	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	119	7.56	7.47	7.48	0.66	0.22	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.84	6.97	6.92	0.95	0.32	2.41	0	25	0
Moisture (%AR)	500.99	Other	165	8.684	8.5234	8.679	1.06	0.37	2.41	0	25	0
Moisture (%AR)	500.99	Other	102	7.9	7.8	8	1.27	0.43	2.41	0	25	0
Moisture (%AR)	500.50	AOAC 930.15	105	9.71	9.53	9.77	1.29	0.45	2.41	0	25	0
Moisture (%AR)	500.99	Other	103	0.9637	0.93	0.9321	2	0.5	2.41	0	25	0
Moisture (%AR)	500.72	NIR	138	8	8.25	8.15	1.55	0.53	2.41	0	25	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.3826	9.1335	9.0886	1.72	0.6	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.8	7.87	7.595	1.84	0.63	2.41	0	25	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.9706	9.9555	10.3067	1.97	0.7	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.98	8.28	7.97	2.18	0.75	2.41	0	25	0
Moisture (%AR)	500.99	Other	207	5.44	5.19	5.18	2.8	0.9	2.41	0	25	0
Moisture (%AR)	500.72	NIR	187	6.3938	6.2741	6.0444	2.85	0.94	2.41	0	25	0
Moisture (%AR)	500.99	Other	120	7.1029	7.4943	7.2006	2.8	0.95	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	186	6.42	6.92	6.54	3.94	1.31	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	198	6.11	6.25	5.73	4.46	1.46	2.41	0	25	0
Moisture (%AR)	500.70	Commerc. Anal.	196	7.68	7.53	8.33	5.42	1.85	2.41	0	25	0
Moisture (%AR)	500.99	Other	132	6.9	7.69	7.63	5.94	2.01	2.41	0	25	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.70	Commerc. Anal.	109	7.47	6.63	5.17	18.1	6	2.41	0	25	0
Moisture (%AR)	500.99	Other	201	4	3	5	25	7.71	2.41	0	25	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	116	0.105	0.1021	0.1041	1.43	0.26	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.0866	0.0852	0.0839	1.58	0.27	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.1035	0.1049	0.1015	1.65	0.29	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.083	0.08	0.08	2.14	0.37	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	198	0.0853	0.0842	0.0815	2.34	0.4	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.0854	0.0813	0.0857	2.92	0.51	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	206	0.0804	0.0846	0.0798	3.21	0.55	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.60	NIR	187	0.1506	0.1537	0.16	3.09	0.59	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.99	Other	183	0.0999	0.0945	0.1011	3.57	0.63	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.0925	0.0869	0.0932	3.8	0.66	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.99	Other	154	0.079	0.074	0.0733	4.12	0.7	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.1136	0.115	0.1069	3.87	0.7	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.0783	0.0762	0.0711	4.92	0.84	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	186	0.084	0.0762	0.0824	5.09	0.88	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.0872	0.0946	0.083	6.65	1.16	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	194	0.088	0.081	0.094	7.42	1.29	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	201	0.21	0.22	0.24	6.84	1.37	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	207	0.061	0.051	0.057	8.93	1.45	5.11	1.43	23.2	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)	501.10	Other LC-UV	165	0.0946	0.09	0.1057	8.34	1.47	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.081	0.078	0.1	13.8	2.4	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.1077	0.0708	0.1111	23.2	4.09	5.11	1.43	23.2	0
Δ9-THC (%DW)	501.99	Other	172	0.1196	0.0787	0.1235	23.1	4.15	5.11	1.43	23.2	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.30	Other LC-MS	201	0.61	<0.1000	<0.1000						1
Δ9-THCA (%DW)	502.10	Other LC-UV	186	0.0452	0.0447	0.0448	0.59	0.09	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.99	Other	183	0.0678	0.067	0.0676	0.62	0.1	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.0548	0.0555	0.0554	0.68	0.11	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	207	0.039	0.039	0.041	2.91	0.45	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0436	0.0446	0.0412	4.05	0.63	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.042	0.042	0.039	4.22	0.66	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.0609	0.0603	0.0552	5.33	0.87	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.03	0.0273	0.0269	6.01	0.88	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0886	0.098	0.0915	5.19	0.91	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.99	Other	172	0.0985	0.1089	0.1017	5.17	0.92	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.0563	0.0509	0.0513	5.7	0.92	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.067	0.072	0.064	5.97	1	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	206	0.0502	0.0575	0.0539	6.78	1.1	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.063	0.0558	0.0637	7.19	1.18	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	198	0.0533	0.0462	0.0459	8.64	1.38	5.75	0.59	15.8	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)	502.99	Other	154	0.0592	0.0593	0.0508	8.65	1.41	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0729	0.0607	0.0665	9.15	1.53	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.60	NIR	187	0.0371	0.038	0.0294	13.6	2.06	5.75	0.59	15.8	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0263	0.0195	0.0212	15.8	2.25	5.75	0.59	15.8	0

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	204	1.6046	1.6064	1.6066	0.07	0.02	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	186	1.5171	1.4975	1.5214	0.84	0.22	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	196	1.607	1.612	1.583	0.97	0.26	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	207	1.364	1.352	1.387	1.3	0.34	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	194	1.573	1.57	1.608	1.33	0.36	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	206	1.4107	1.4223	1.4506	1.44	0.38	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	118	1.31	1.274	1.281	1.48	0.39	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	116	1.7001	1.7155	1.7546	1.63	0.44	2.92	0.07	12	0
CBD (%DW)	503.99	Other	183	1.7563	1.7007	1.7449	1.69	0.46	2.92	0.07	12	0
CBD (%DW)	503.60	NIR	187	1.4738	1.4322	1.4894	2.02	0.54	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	198	1.6919	1.6168	1.5943	3.13	0.84	2.92	0.07	12	0
CBD (%DW)	503.30	Other LC-MS	105	1.44	1.5	1.41	3.16	0.84	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	142	1.6258	1.5627	1.6743	3.45	0.93	2.92	0.07	12	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	1.3921	1.5308	1.4228	5.03	1.33	2.92	0.07	12	0
CBD (%DW)	503.10	Other LC-UV	172	1.6447	1.8101	1.685	5.03	1.37	2.92	0.07	12	0
CBD (%DW)	503.99	Other	172	1.8277	2.0115	1.8725	5.03	1.39	2.92	0.07	12	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	1.767	1.763	1.606	5.36	1.46	2.92	0.07	12	0
CBD (%DW)	503.99	Other	154	1.2973	1.4445	1.3034	6.18	1.62	2.92	0.07	12	0
CBD (%DW)	503.30	Other LC-MS	201	1.63	1.94	2.07	12	3.31	2.92	0.07	12	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	204	3.6182	3.6009	3.612	0.24	0.07	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	186	3.5367	3.5243	3.5677	0.63	0.19	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	196	3.638	3.653	3.596	0.81	0.25	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	206	3.5426	3.5767	3.6391	1.36	0.41	3.56	0.24	14	0
CBDA (%DW)	504.30	Other LC-MS	105	2.18	2.27	2.22	2.03	0.57	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	142	2.517	2.5142	2.6041	2.01	0.58	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	116	3.4451	3.4564	3.5768	2.09	0.63	3.56	0.24	14	0
CBDA (%DW)	504.99	Other	183	4.4402	4.2799	4.461	2.26	0.71	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	118	3.146	3.049	2.954	3.15	0.93	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	207	2.895	2.907	3.081	3.52	1.04	3.56	0.24	14	0
CBDA (%DW)	504.60	NIR	187	3.905	3.8126	3.6067	4.05	1.24	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	172	3.5793	3.7637	3.4616	4.23	1.28	3.56	0.24	14	0
CBDA (%DW)	504.99	Other	172	3.9776	4.1825	3.8468	4.23	1.3	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	109	4.58	4.604	4.141	5.87	1.84	3.56	0.24	14	0
CBDA (%DW)	504.10	Other LC-UV	198	3.529	3.1862	3.1602	6.25	1.87	3.56	0.24	14	0
CBDA (%DW)	504.99	Other	154	2.196	1.9251	1.9749	7.1	1.98	3.56	0.24	14	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	2.9183	3.3368	3.1047	6.72	2	3.56	0.24	14	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	2.62	3.34	3.41	14	4.16	3.56	0.24	14	0
CBN (%DW)												
CBN (%DW)	505.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.30	GC-FID	116	0.0445	0.0405	<0.0400						1
CBN (%DW)	505.10	Other LC-UV	116	0.0424	<0.0400	0.0447						1
CBN (%DW)	505.20	Other LC-MS	201	<0.1000	<0.1000	0.11						1
CBN (%DW)	505.10	Other LC-UV	204	0.0258	0.0259	0.0257	0.39	0.06	4.69	0.39	11.2	0
CBN (%DW)	505.10	Other LC-UV	142	0.0249	0.0253	0.0247	1.22	0.18	4.69	0.39	11.2	0
CBN (%DW)	505.10	Other LC-UV	207	0.022	0.023	0.023	2.55	0.36	4.69	0.39	11.2	0
CBN (%DW)	505.10	Other LC-UV	196	0.0264	0.0273	0.0259	2.67	0.39	4.69	0.39	11.2	0
CBN (%DW)	505.10	Other LC-UV	186	0.024	0.0245	0.0257	3.53	0.51	4.69	0.39	11.2	0
CBN (%DW)	505.99	Other	154	0.0209	0.0193	0.0192	4.82	0.67	4.69	0.39	11.2	0
CBN (%DW)	505.10	Other LC-UV	198	0.0534	0.0499	0.0494	4.28	0.69	4.69	0.39	11.2	0
CBN (%DW)	505.10	Other LC-UV	206	0.024	0.0246	0.0221	5.54	0.79	4.69	0.39	11.2	0
CBN (%DW)	505.10	Other LC-UV	192	0.0229	0.0221	0.0205	5.6	0.79	4.69	0.39	11.2	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0199	0.0231	0.022	7.5	1.06	4.69	0.39	11.2	0
CBN (%DW)	505.99	Other	183	0.0262	0.0248	0.0293	8.6	1.25	4.69	0.39	11.2	0
CBN (%DW)	505.20	Other LC-MS	105	0.0226	0.0202	0.0253	11.2	1.6	4.69	0.39	11.2	0
Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.106	0.1026	0.1057	1.8	0.32	4.97	1.72	73.7	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)	506.30	Other LC-MS	120	0.1335	0.13	0.1343	1.72	0.32	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.1825	0.1889	0.1861	1.73	0.34	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1246	0.1223	0.1274	2.05	0.38	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.1528	0.1495	0.1465	2.11	0.4	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.99	Other	183	0.1594	0.1533	0.1604	2.44	0.46	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.12	0.117	0.114	2.56	0.47	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.1603	0.151	0.16	3.36	0.64	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	186	0.1237	0.1154	0.1217	3.6	0.66	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.1414	0.1397	0.1312	3.98	0.74	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	198	0.132	0.1246	0.1218	4.18	0.77	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	206	0.1244	0.135	0.1271	4.28	0.79	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.11	0.102	0.102	4.41	0.79	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.167	0.1679	0.1553	4.3	0.82	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	207	0.095	0.086	0.093	5.17	0.91	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.99	Other	154	0.1309	0.126	0.1178	5.3	0.97	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.15	0.1527	0.1376	5.49	1.03	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.1254	0.1337	0.1191	5.81	1.07	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.14	0.141	0.156	6.15	1.15	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.1586	0.1422	0.164	7.33	1.39	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.99	Other	181	0.275	0.287	0.243	8.48	1.74	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.1854	0.1567	0.1913	10.4	2.01	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.99	Other	172	0.206	0.1742	0.2127	10.4	2.04	4.97	1.72	73.7	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	142	0.0925	0.1109	0.1168	11.9	2.13	4.97	1.72	73.7	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	201	0.74	0.22	0.24	73.7	16.09	4.97	1.72	73.7	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	204	4.7777	4.7645	4.7744	0.14	0.05	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	186	4.6188	4.5882	4.6503	0.67	0.21	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	196	4.798	4.816	4.737	0.87	0.27	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	206	4.5175	4.5591	4.6421	1.39	0.44	3.39	0.14	13.1	0
Total CBD (%DW)	507.60	NIR	187	4.8106	4.7752	4.6517	1.76	0.56	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	116	4.7215	4.7467	4.8914	1.92	0.61	3.39	0.14	13.1	0
Total CBD (%DW)	507.99	Other	183	5.6504	5.4541	5.6571	2.06	0.67	3.39	0.14	13.1	0
Total CBD (%DW)	507.30	Other LC-MS	105	3.35	3.49	3.36	2.3	0.69	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	142	3.8332	3.7677	3.9581	2.51	0.77	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	118	4.069	3.948	3.872	2.51	0.77	3.39	0.14	13.1	0
Total CBD (%DW)	507.40	GC-FID	116	5.1295	4.9455	4.8997	2.44	0.78	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	207	3.904	3.901	4.089	2.72	0.84	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	192	5.0343	4.7669	4.704	3.63	1.15	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	172	4.7837	5.1109	4.7208	4.3	1.37	3.39	0.14	13.1	0
Total CBD (%DW)	507.99	Other	172	5.3161	5.6796	5.2461	4.3	1.39	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	198	4.7868	4.4112	4.3657	5.11	1.61	3.39	0.14	13.1	0
Total CBD (%DW)	507.10	Other LC-UV	109	5.783	5.8	5.238	5.7	1.85	3.39	0.14	13.1	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	3.9514	4.4527	4.1456	6.04	1.88	3.39	0.14	13.1	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)	507.99	Other	154	3.3705	2.9856	3.0353	6.69	1.99	3.39	0.14	13.1	0
Total CBD (%DW)	507.40	GC-FID	138	6.0433	7.1784	5.9181	10.9	3.6	3.39	0.14	13.1	0
Total CBD (%DW)	507.30	Other LC-MS	201	3.93	4.86	5.06	13.1	4.12	3.39	0.14	13.1	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDV (%DW)	508.99	Other	186	<0.0200	<0.0200	<0.0200						1
CBDV (%DW)	508.99	Other	206	0	0	0						1
CBDV (%DW)	508.99	Other	201	<0.1000	<0.1000	<0.1000						1
CBDV (%DW)	508.99	Other	183	0	0	0						1
CBDV (%DW)	508.99	Other	207	<0.0130	<0.0130	<0.0130						1
CBDV (%DW)	508.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	142	0.0224	0.0267	0.0277	11	1.59				0

CBDVA (%DW)

CBDVA (%DW)	509.99	Other	201	<0.1000	0.45	0.45						1
CBDVA (%DW)	509.99	Other	206	0.0359	0.036	0.0363	0.58	0.09				0
CBDVA (%DW)	509.99	Other	154	0.0448	0.0444	0.0443	0.6	0.09				0
CBDVA (%DW)	509.99	Other	196	0.0417	0.0424	0.0409	1.8	0.28				0
CBDVA (%DW)	509.99	Other	183	0.0546	0.055	0.0567	2.01	0.33				0
CBDVA (%DW)	509.99	Other	186	0.0202	0.0215	0.0285	19.1	2.72				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	186	<0.0200	<0.0200	<0.0200						1
CBG (%DW)	510.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%DW)	510.99	Other	206	0.0263	0.0272	0.0272	1.93	0.28	18.27	1.93	46.2	0
CBG (%DW)	510.99	Other	204	0.0375	0.0358	0.0388	4.03	0.62	18.27	1.93	46.2	0
CBG (%DW)	510.99	Other	196	0.0241	0.0233	0.0254	4.37	0.63	18.27	1.93	46.2	0
CBG (%DW)	510.99	Other	201	0.16	0.18	0.18	6.66	1.28	18.27	1.93	46.2	0
CBG (%DW)	510.99	Other	183	0.0305	0.0342	0.0411	15.3	2.31	18.27	1.93	46.2	0
CBG (%DW)	510.99	Other	207	0.035	0.028	0.045	23.7	3.61	18.27	1.93	46.2	0
CBG (%DW)	510.99	Other	142	0.0347	0.0165	0.0179	44	6.26	18.27	1.93	46.2	0
CBG (%DW)	510.99	Other	105	0.0193	0.0526	0.0522	46.2	7.18	18.27	1.93	46.2	0

CBGA (%DW)												
CBGA (%DW)	511.99	Other	109	<0.0100	<0.0100	<0.0100						1
CBGA (%DW)	511.99	Other	206	0	0	0						1
CBGA (%DW)	511.99	Other	201	<0.1000	0.44	0.45						1
CBGA (%DW)	511.99	Other	154	0.0938	0.0932	0.0934	0.33	0.06	6.33	0.33	15.6	0
CBGA (%DW)	511.99	Other	196	0.0459	0.0454	0.045	0.99	0.16	6.33	0.33	15.6	0
CBGA (%DW)	511.99	Other	204	0.0602	0.0586	0.0585	1.61	0.26	6.33	0.33	15.6	0
CBGA (%DW)	511.99	Other	142	0.0555	0.0505	0.0537	4.76	0.77	6.33	0.33	15.6	0
CBGA (%DW)	511.99	Other	186	0.0579	0.0558	0.0514	6.03	0.98	6.33	0.33	15.6	0
CBGA (%DW)	511.99	Other	207	0.028	0.036	0.038	15.6	2.35	6.33	0.33	15.6	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	183	0.0531	0.0526	0.0679	15	2.46	6.33	0.33	15.6	0
THCV (%DW)												
THCV (%DW)	512.99	Other	109	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	201	<0.1000	<0.1000	0.1						1
THCV (%DW)	512.99	Other	183	0	0	0						1
THCV (%DW)	512.99	Other	196	<0.2050	<0.0205	<0.0205						1
THCV (%DW)	512.99	Other	186	<0.0200	<0.0200	<0.0200						1
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	206	0.0016	0.0026	0.0021	23.8	2.37				0
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	183	0	0	0						1
Δ8-THC (%DW)	513.99	Other	109	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	186	<0.0200	<0.0200	<0.0200						1
Δ8-THC (%DW)	513.99	Other	207	<0.0130	<0.0130	<0.0130						1
Δ8-THC (%DW)	513.99	Other	206	0	0	0						1
Δ8-THC (%DW)	513.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%DW)	513.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBC (%DW)												
CBC (%DW)	514.99	Other	186	0.1144	0.1148	0.1148	0.2	0.04	3.3	0.2	29	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	204	0.1281	0.1289	0.1283	0.32	0.06	3.3	0.2	29	0
CBC (%DW)	514.99	Other	196	0.1385	0.1352	0.1345	1.57	0.29	3.3	0.2	29	0
CBC (%DW)	514.99	Other	206	0.1113	0.1158	0.114	1.99	0.36	3.3	0.2	29	0
CBC (%DW)	514.99	Other	194	0.117	0.117	0.122	2.43	0.44	3.3	0.2	29	0
CBC (%DW)	514.99	Other	207	0.115	0.111	0.118	3.06	0.55	3.3	0.2	29	0
CBC (%DW)	514.99	Other	105	0.125	0.117	0.125	3.78	0.69	3.3	0.2	29	0
CBC (%DW)	514.99	Other	142	0.1267	0.1161	0.1216	4.36	0.8	3.3	0.2	29	0
CBC (%DW)	514.99	Other	183	0.136	0.1311	0.1443	4.87	0.91	3.3	0.2	29	0
CBC (%DW)	514.99	Other	109	0.149	0.15	0.137	4.98	0.93	3.3	0.2	29	0
CBC (%DW)	514.99	Other	154	0.1113	0.1129	0.1224	5.19	0.94	3.3	0.2	29	0
CBC (%DW)	514.99	Other	201	0.24	0.37	0.44	29	6.21	3.3	0.2	29	0

Cd (ug/g DW)

Cd (ug/g DW)	601.04	ICP-MS	105	0.206	0.195	0.205	3.01	0.59				0
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As (ug/g DW)

As (ug/g DW)	602.04	ICP-MS	105	0.683	0.669	0.729	4.53	1.07				0
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Hg (ug/g DW)

Hg (ug/g DW)	603.04	ICP-MS	105	0.013	0.0128	0.0119	4.66	0.61				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	2.2	2.93	2.2	17.2	4.94				0
				Cu (ug/g DW)								
Cu (ug/g DW)	605.04	ICP-MS	105	15	14.1	13.4	5.66	2.11				0
				Ni (ug/g DW)								
Ni (ug/g DW)	606.04	ICP-MS	105	9.02	9.59	10.9	9.8	3.46				0
				Cr (ug/g DW)								
Cr (ug/g DW)	607.04	ICP-MS	105	17.8	18.8	18.5	2.79	1.08				0
				Se (ug/g DW)								
Se (ug/g DW)	608.04	ICP-MS	105	0.0915	0.102	0.126	16.6	2.97				0
				Zn (ug/g DW)								
Zn (ug/g DW)	611.04	ICP-MS	105	62.1	69	70.2	6.51	3.07				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.c