

Hemp Proficiency Testing

All Labs Precision

HM20SEP-1



Sample: HM20SEP-1

All Labs Precision

Issue Date: November 2, 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	0.0500								1
Δ9-THC (%AR)	001.10	Other LC-UV	123	<0.0940	<0.0920	<0.0890						1
Δ9-THC (%AR)	001.10	Other LC-UV	197	<0.0750	<0.0750	<0.0750						1
Δ9-THC (%AR)	001.99	Other	137	0.0713	0.0712	0.0703	0.78	0.13	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.0770	0.0760	0.0770	0.75	0.13	5.29	0.75	74	0
Δ9-THC (%AR)	001.99	Other	154	0.0854	0.0844	0.0857	0.8	0.14	5.29	0.75	74	0
Δ9-THC (%AR)	001.60	NIR	187	0.0907	0.0896	0.0915	1.05	0.18	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.0779	0.0795	0.0785	1.03	0.18	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	186	0.0778	0.0761	0.0767	1.12	0.19	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.0755	0.0738	0.0739	1.28	0.22	5.29	0.75	74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.0710	0.0700	0.0720	1.41	0.24	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.0955	0.0973	0.0945	1.48	0.26	5.29	0.75	74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.0793	0.0813	0.0788	1.66	0.28	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.0804	0.0777	0.0793	1.72	0.29	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.0865	0.0842	0.0872	1.83	0.32	5.29	0.75	74	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	159	0.0729	0.0705	0.0739	2.41	0.41	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.0748	0.0746	0.0779	2.44	0.42	5.29	0.75	74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.0790	0.0760	0.0755	2.46	0.42	5.29	0.75	74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.0687	0.0701	0.0722	2.5	0.42	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	195	0.0781	0.0743	0.0760	2.5	0.43	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.0614	0.0643	0.0615	2.64	0.44	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.0906	0.0906	0.0866	2.59	0.45	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.0810	0.0850	0.0850	2.76	0.48	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	119	0.0857	0.0824	0.0875	3.04	0.53	5.29	0.75	74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.0830	0.0848	0.0795	3.27	0.56	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	203	0.0750	0.0720	0.0700	3.48	0.59	5.29	0.75	74	0
Δ9-THC (%AR)	001.03	AOAC 2018.11,	139	0.0854	0.0881	0.0819	3.65	0.63	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	198	0.0805	0.0857	0.0790	4.3	0.74	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.0703	0.0759	0.0760	4.4	0.75	5.29	0.75	74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.0810	0.0750	0.0740	4.94	0.84	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	150	0.1050	0.0967	0.0967	4.82	0.85	5.29	0.75	74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.0968	0.0879	0.0915	4.86	0.85	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	188	0.0645	0.0615	0.0683	5.26	0.87	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	202	0.0594	0.0609	0.0659	5.48	0.91	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.0838	0.0762	0.0835	5.3	0.91	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.0562	0.0621	0.0620	5.62	0.92	5.29	0.75	74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.1100	0.1100	0.1200	5.09	0.92	5.29	0.75	74	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	165	0.0798	0.0890	0.0844	5.45	0.94	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	132	0.0953	0.0866	0.0866	5.61	0.98	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.0616	0.0683	0.0684	5.9	0.98	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.0820	0.0840	0.0750	5.88	1.01	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.0968	0.0864	0.0941	5.84	1.02	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.0801	0.0751	0.0710	6.04	1.03	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.0691	0.0721	0.0781	6.27	1.06	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.0801	0.0889	0.0908	6.59	1.14	5.29	0.75	74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.0808	0.0830	0.0917	6.77	1.17	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.0619	0.0701	0.0624	7.09	1.18	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	156	0.0988	0.1129	0.1058	6.66	1.19	5.29	0.75	74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.0575	0.0680	0.0600	8.87	1.46	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	145	0.0600	0.0700	0.0600	9.12	1.51	5.29	0.75	74	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	108	0.0736	0.0652	0.0792	9.7	1.64	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.0696	0.0639	0.0568	10.1	1.68	5.29	0.75	74	0
Δ9-THC (%AR)	001.99	Other	132	0.1400	0.1200	0.1200	9.12	1.68	5.29	0.75	74	0
Δ9-THC (%AR)	001.99	Other	205	0.0920	0.0910	0.0760	10.4	1.8	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.0678	0.0739	0.0839	10.8	1.84	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	201	0.2900	0.3400	0.3600	10.9	2.32	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.0690	0.0900	0.0750	13.9	2.37	5.29	0.75	74	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.0900	0.0900	0.0700	13.9	2.39	5.29	0.75	74	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	131	0.0800	0.0500	0.0700	22.9	3.83	5.29	0.75	74	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)	001.01	AOAC 2018.10	155	0.0720	0.0900	0.1120	21.9	3.84	5.29	0.75	74	0
Δ9-THC (%AR)	001.99	Other	172	0.0951	0.1550	0.0864	33.3	6.01	5.29	0.75	74	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.0810	0.0770	0.0081	74	12.02	5.29	0.75	74	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	178	0.1200								1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0750	<0.0750	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	123	<0.0940	0.1070	<0.0890						1
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0923	0.0925	0.0925	0.12	0.02	5.1	0.12	108	0
Δ9-THCA (%AR)	002.99	Other	137	0.0788	0.0787	0.0783	0.34	0.06	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.1023	0.1013	0.1033	0.98	0.17	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	159	0.0983	0.0984	0.0966	1.03	0.18	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0957	0.0945	0.0931	1.38	0.24	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0903	0.0921	0.0935	1.74	0.31	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.0870	0.0840	0.0860	1.78	0.31	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	186	0.0843	0.0821	0.0853	1.95	0.34	5.1	0.12	108	0
Δ9-THCA (%AR)	002.99	Other	154	0.1012	0.0997	0.1038	2.04	0.36	5.1	0.12	108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	155	0.0850	0.0820	0.0820	2.09	0.36	5.1	0.12	108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.0791	0.0757	0.0784	2.31	0.39	5.1	0.12	108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.0800	0.0820	0.0780	2.5	0.43	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	195	0.0818	0.0816	0.0782	2.51	0.43	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.0738	0.0708	0.0704	2.59	0.44	5.1	0.12	108	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	199	0.0770	0.0755	0.0730	2.69	0.46	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0874	0.0922	0.0906	2.71	0.47	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.0811	0.0794	0.0766	2.88	0.49	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0731	0.0726	0.0691	3.04	0.51	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.0890	0.0940	0.0940	3.13	0.55	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	202	0.0700	0.0716	0.0746	3.24	0.55	5.1	0.12	108	0
Δ9-THCA (%AR)	002.60	NIR	187	0.0742	0.0732	0.0697	3.27	0.55	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	194	0.0821	0.0874	0.0837	3.22	0.56	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	119	0.0927	0.0868	0.0896	3.29	0.57	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0707	0.0760	0.0747	3.74	0.63	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0700	0.0749	0.0704	3.79	0.64	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0580	0.0543	0.0530	4.71	0.76	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	150	0.0700	0.0733	0.0767	4.57	0.77	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0701	0.0710	0.0651	4.62	0.78	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	156	0.0894	0.0973	0.0975	4.88	0.86	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.1560	0.1420	0.1490	4.7	0.88	5.1	0.12	108	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.1068	0.0972	0.0991	5.03	0.89	5.1	0.12	108	0
Δ9-THCA (%AR)	002.99	Other	172	0.1076	0.1098	0.0997	5.02	0.9	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.0854	0.0949	0.0895	5.3	0.93	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0915	0.0884	0.0821	5.48	0.95	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.0860	0.0800	0.0770	5.66	0.97	5.1	0.12	108	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0655	0.0700	0.0737	5.89	0.99	5.1	0.12	108	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	0.0867	0.0848	0.0946	5.86	1.02	5.1	0.12	108	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.0795	0.0839	0.0744	6	1.03	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	145	0.1000	0.1000	0.0900	5.97	1.05	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0764	0.0673	0.0728	6.35	1.07	5.1	0.12	108	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11,	139	0.0914	0.0993	0.1032	6.14	1.09	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.0791	0.0888	0.0885	6.45	1.12	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	198	0.0674	0.0730	0.0631	7.32	1.22	5.1	0.12	108	0
Δ9-THCA (%AR)	002.99	Other	205	0.0660	0.0760	0.0750	7.61	1.29	5.1	0.12	108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.1010	0.0880	0.0870	8.49	1.49	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0748	0.0889	0.0843	8.7	1.5	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0456	0.0544	0.0542	9.77	1.57	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0936	0.0788	0.0795	9.94	1.72	5.1	0.12	108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	131	0.0800	0.0900	0.1000	11.1	1.94	5.1	0.12	108	0
Δ9-THCA (%AR)	002.99	Other	132	0.0500	0.0400	0.0500	12.4	1.96	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.1080	0.0870	0.0850	13.7	2.4	5.1	0.12	108	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0683	0.0849	0.0975	17.5	3.03	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	188	0.1029	0.0849	0.0709	18.6	3.23	5.1	0.12	108	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.1500	0.1500	0.1000	21.7	4.01	5.1	0.12	108	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.1089	0.1137	0.0600	31.5	5.55	5.1	0.12	108	0
Δ9-THCA (%AR)	002.30	Other LC-MS	201	0.0000	0.0400	0.1000	108	17.07	5.1	0.12	108	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBD (%AR)								
CBD (%AR)	003.10	Other LC-UV	178	1.3600								1
CBD (%AR)	003.10	Other LC-UV	123	1.9560	1.9540	1.9560	0.06	0.02	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	163	2.0160	2.0130	2.0150	0.08	0.02	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	189	1.7344	1.7475	1.7401	0.38	0.1	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	116	1.9856	1.9673	1.9752	0.46	0.13	2.94	0.06	16.5	0
CBD (%AR)	003.99	Other	154	1.5403	1.5277	1.5418	0.5	0.13	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	164	1.7672	1.7584	1.7790	0.58	0.16	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	119	1.9479	1.9664	1.9686	0.58	0.16	2.94	0.06	16.5	0
CBD (%AR)	003.99	Other	137	1.8300	1.8300	1.8100	0.63	0.17	2.94	0.06	16.5	0
CBD (%AR)	003.02	AOAC 2018.11, U	108	1.6320	1.6120	1.6300	0.68	0.18	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	113	1.9000	1.8864	1.8723	0.73	0.2	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	204	1.7619	1.7922	1.7783	0.85	0.23	2.94	0.06	16.5	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	1.7115	1.6875	1.6860	0.84	0.23	2.94	0.06	16.5	0
CBD (%AR)	003.60	NIR	187	1.4587	1.4391	1.4335	0.92	0.24	2.94	0.06	16.5	0
CBD (%AR)	003.01	AOAC 2018.10	155	1.4860	1.4970	1.5160	1.01	0.27	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	144	1.9340	1.9607	1.9165	1.15	0.32	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	203	1.7410	1.7750	1.7800	1.2	0.33	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	156	2.2118	2.1616	2.2048	1.24	0.35	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	159	1.5400	1.5400	1.5000	1.51	0.4	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	150	1.7000	1.7333	1.7500	1.47	0.4	2.94	0.06	16.5	0
CBD (%AR)	003.99	Other	205	1.7650	1.7850	1.7310	1.55	0.42	2.94	0.06	16.5	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.02	AOAC 2018.11, U	125	2.0387	2.0258	2.0880	1.6	0.45	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	192	1.5572	1.5728	1.5074	2.21	0.59	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	142	1.7943	1.7179	1.7506	2.19	0.6	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	122	1.9394	1.8562	1.8939	2.2	0.61	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	186	1.8233	1.7497	1.7560	2.3	0.63	2.94	0.06	16.5	0
CBD (%AR)	003.01	AOAC 2018.10	131	1.9200	2.0100	1.9500	2.34	0.65	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	162	1.8951	1.9285	1.9929	2.56	0.71	2.94	0.06	16.5	0
CBD (%AR)	003.99	Other	172	1.9557	1.9920	2.0614	2.68	0.75	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	195	1.7228	1.6668	1.7676	2.94	0.8	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	200	1.5189	1.6008	1.6039	3.06	0.82	2.94	0.06	16.5	0
CBD (%AR)	003.03	AOAC 2018.11,	139	1.6194	1.6023	1.5255	3.16	0.85	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	184	1.8415	1.9409	1.9827	3.77	1.04	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	145	1.7600	1.7600	1.8800	3.85	1.05	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	191	1.6863	1.8034	1.6878	3.89	1.06	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	197	1.9380	1.9140	1.7940	4.1	1.13	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	149	1.9280	1.8250	1.7780	4.16	1.14	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	172	1.7850	1.9400	1.8570	4.17	1.15	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	106	2.1300	2.2300	2.0400	4.46	1.25	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	196	1.5680	1.7180	1.6180	4.67	1.26	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	141	1.4407	1.5694	1.4358	5.11	1.36	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	188	1.7918	1.9758	1.8589	4.96	1.37	2.94	0.06	16.5	0
CBD (%AR)	003.01	AOAC 2018.10	152	2.1817	1.9721	2.0552	5.1	1.43	2.94	0.06	16.5	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBD (%AR)	003.01	AOAC 2018.10	168	1.7091	1.9020	1.7911	5.38	1.47	2.94	0.06	16.5	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	1.4121	1.5351	1.5884	5.98	1.59	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	149	1.8000	1.6000	1.7000	5.88	1.6	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	132	1.9308	1.7589	1.7357	5.89	1.61	2.94	0.06	16.5	0
CBD (%AR)	003.99	Other	132	1.9800	1.7900	1.7900	5.92	1.63	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	198	3.3810	3.6181	3.2089	6.04	1.82	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	202	1.3556	1.3965	1.5451	6.96	1.84	2.94	0.06	16.5	0
CBD (%AR)	003.10	Other LC-UV	109	1.6810	1.8980	1.8950	6.82	1.87	2.94	0.06	16.5	0
CBD (%AR)	003.30	Other LC-MS	201	5.2500	4.4900	5.0400	7.97	2.54	2.94	0.06	16.5	0
CBD (%AR)	003.02	AOAC 2018.11, U	107	4.0220	3.7478	5.0882	16.5	5.15	2.94	0.06	16.5	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	178	3.8700								1
CBDA (%AR)	004.30	Other LC-MS	156	3.6502	3.6612	3.6679	0.24	0.07	2.86	0.24	10.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	108	3.1990	3.1950	3.1790	0.33	0.1	2.86	0.24	10.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.5900	3.5965	3.5680	0.42	0.13	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	200	3.3892	3.3604	3.3560	0.54	0.16	2.86	0.24	10.1	0
CBDA (%AR)	004.99	Other	137	3.7800	3.7600	3.7400	0.53	0.16	2.86	0.24	10.1	0
CBDA (%AR)	004.99	Other	205	3.7690	3.7470	3.7220	0.63	0.19	2.86	0.24	10.1	0
CBDA (%AR)	004.60	NIR	187	4.0501	4.1000	4.0536	0.68	0.21	2.86	0.24	10.1	0
CBDA (%AR)	004.99	Other	154	2.6576	2.6168	2.6265	0.81	0.23	2.86	0.24	10.1	0
CBDA (%AR)	004.30	Other LC-MS	122	4.1786	4.2528	4.2237	0.89	0.28	2.86	0.24	10.1	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	163	3.2760	3.3390	3.3080	0.95	0.29	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	204	3.8332	3.8332	3.9012	1.02	0.31	2.86	0.24	10.1	0
CBDA (%AR)	004.01	AOAC 2018.10	168	3.7621	3.8229	3.7400	1.14	0.35	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	150	3.4000	3.4333	3.3500	1.24	0.37	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	116	3.8307	3.7596	3.8520	1.27	0.39	2.86	0.24	10.1	0
CBDA (%AR)	004.30	Other LC-MS	164	4.1969	4.1876	4.2896	1.33	0.42	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	144	3.9736	3.9832	3.8844	1.38	0.43	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	189	3.6481	3.6635	3.7516	1.51	0.46	2.86	0.24	10.1	0
CBDA (%AR)	004.03	AOAC 2018.11,	139	3.1652	3.1502	3.0725	1.59	0.47	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	123	3.9310	3.8370	3.9470	1.52	0.47	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	186	3.9666	3.9044	4.0314	1.6	0.49	2.86	0.24	10.1	0
CBDA (%AR)	004.30	Other LC-MS	159	4.1200	4.1100	4.0000	1.63	0.51	2.86	0.24	10.1	0
CBDA (%AR)	004.01	AOAC 2018.10	155	3.4650	3.5130	3.3970	1.69	0.51	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	145	4.4500	4.3100	4.3600	1.62	0.51	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	195	3.8455	3.7708	3.9158	1.89	0.58	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	162	4.0702	4.1804	4.2367	2.03	0.63	2.86	0.24	10.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	3.6539	3.8120	3.8009	2.35	0.72	2.86	0.24	10.1	0
CBDA (%AR)	004.01	AOAC 2018.10	131	4.1600	4.3600	4.2400	2.37	0.74	2.86	0.24	10.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	4.0505	3.9752	3.8576	2.45	0.76	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	142	3.1068	2.9670	2.9776	2.58	0.76	2.86	0.24	10.1	0
CBDA (%AR)	004.99	Other	172	4.0302	4.0132	4.2167	2.76	0.86	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	184	3.8699	4.0666	4.0808	2.94	0.91	2.86	0.24	10.1	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	192	2.4277	2.2811	2.4062	3.34	0.95	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	203	4.2650	4.2370	4.0080	3.38	1.05	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	172	3.8070	3.9630	4.0820	3.49	1.08	2.86	0.24	10.1	0
CBDA (%AR)	004.30	Other LC-MS	119	3.8267	3.5906	3.6010	3.63	1.11	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	191	3.8888	4.1552	3.8880	3.87	1.19	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	197	4.3490	4.2480	4.0070	4.18	1.3	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	141	3.3895	3.6476	3.3429	4.74	1.43	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	194	4.0884	4.3683	3.9761	4.87	1.51	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	196	3.1960	3.5330	3.2450	5.48	1.64	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	198	1.8615	1.9668	1.7385	6.16	1.69	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	202	3.2419	3.2852	3.6112	5.97	1.8	2.86	0.24	10.1	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.7172	2.9622	3.0863	6.43	1.89	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	149	3.8000	3.4000	3.8000	6.3	1.92	2.86	0.24	10.1	0
CBDA (%AR)	004.30	Other LC-MS	201	13.3100	12.1900	13.4200	5.25	1.93	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	109	4.1220	4.6950	4.4820	6.53	2.05	2.86	0.24	10.1	0
CBDA (%AR)	004.30	Other LC-MS	149	4.2280	3.7840	3.6990	7.28	2.24	2.86	0.24	10.1	0
CBDA (%AR)	004.30	Other LC-MS	188	4.2755	4.3314	3.7074	8.41	2.61	2.86	0.24	10.1	0
CBDA (%AR)	004.99	Other	132	3.3100	2.8900	2.8000	9.07	2.68	2.86	0.24	10.1	0
CBDA (%AR)	004.10	Other LC-UV	106	4.6100	4.7600	3.9200	10.1	3.17	2.86	0.24	10.1	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	178	0.0100								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	
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0000	0.0000	0.0000	0		6.37	0	34.6	0
CBN (%AR)	005.30	GC-FID	116	<0.0400	<0.0400	0.0427						1
CBN (%AR)	005.20	Other LC-MS	188	<0.0500	<0.0500	<0.0500						1
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)	005.01	AOAC 2018.10	168	<0.0250	<0.0250	<0.0250						1
CBN (%AR)	005.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	123	<0.0940	<0.0920	<0.0890						1
CBN (%AR)	005.99	Other	137	<0.0292	<0.0291	<0.0298						1
CBN (%AR)	005.02	AOAC 2018.11, U	108	<0.0030	<0.0030	<0.0030						1
CBN (%AR)	005.10	Other LC-UV	149	<0.0240	<0.0250	<0.0250						1
CBN (%AR)	005.30	GC-FID	185	<0.1000	<0.0100	<0.0300						1
CBN (%AR)	005.10	Other LC-UV	145	<0.2500	<0.2500	<0.2500						1
CBN (%AR)	005.01	AOAC 2018.10	131	<0.0100	<0.0100	<0.0100						1
CBN (%AR)	005.10	Other LC-UV	194	<0.0239	<0.0239	<0.0239						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	141	<0.0120	<0.0120	<0.0120						1
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0164	<0.0020	0.0121						1
CBN (%AR)	005.99	Other	132	0.0100	0.0100	0.0100	0	0	6.37	0	34.6	0
CBN (%AR)	005.30	GC-FID	163	0.0260	0.0260	0.0260	0	0	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	186	0.0115	0.0113	0.0113	1.02	0.13	6.37	0	34.6	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	119	0.0139	0.0138	0.0141	1.1	0.14	6.37	0	34.6	0
CBN (%AR)	005.20	Other LC-MS	122	0.0100	0.0101	0.0098	1.53	0.19	6.37	0	34.6	0
CBN (%AR)	005.99	Other	154	0.0187	0.0192	0.0188	1.4	0.19	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	204	0.0119	0.0116	0.0119	1.47	0.19	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	200	0.0142	0.0137	0.0141	1.89	0.25	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	162	0.0101	0.0106	0.0102	2.57	0.32	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	202	0.0094	0.0098	0.0100	3.14	0.39	6.37	0	34.6	0
CBN (%AR)	005.20	Other LC-MS	156	0.0173	0.0170	0.0180	2.94	0.4	6.37	0	34.6	0
CBN (%AR)	005.20	Other LC-MS	159	0.0150	0.0156	0.0146	3.34	0.45	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	192	0.0169	0.0181	0.0175	3.43	0.47	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	195	0.0118	0.0129	0.0128	4.87	0.63	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	144	0.0092	0.0100	0.0106	7.07	0.89	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	142	0.0100	0.0097	0.0115	9.27	1.17	6.37	0	34.6	0
CBN (%AR)	005.01	AOAC 2018.10	155	0.0180	0.0210	0.0210	8.66	1.21	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	189	0.0107	0.0107	0.0126	9.68	1.24	6.37	0	34.6	0
CBN (%AR)	005.20	Other LC-MS	149	0.0130	0.0110	0.0110	9.9	1.27	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	132	0.0108	0.0103	0.0127	11.2	1.44	6.37	0	34.6	0
CBN (%AR)	005.03	AOAC 2018.11,	139	0.0117	0.0096	0.0093	12.8	1.61	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	198	0.0310	0.0351	0.0282	11	1.65	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	203	0.0060	0.0070	0.0050	16.7	1.94	6.37	0	34.6	0
CBN (%AR)	005.99	Other	205	0.0080	0.0100	0.0120	20	2.51	6.37	0	34.6	0
CBN (%AR)	005.10	Other LC-UV	106	0.0200	0.0200	0.0100	34.6	4.7	6.37	0	34.6	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	138	0.0124	0.0257	0.0202	34.4	4.77	6.37	0	34.6	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.10	Other LC-UV	178	0.1700								1
Total Δ9-THC (%AR)	006.10	Other LC-UV	123	<0.0940	0.0930	<0.0890						1
Total Δ9-THC (%AR)	006.40	GC-FID	185	<0.0350	<0.1000	<0.0400						1
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	<0.0750	<0.0750	<0.0750						1
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.1698	0.1706	0.1707	0.29	0.06	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.1487	0.1477	0.1476	0.41	0.08	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.1765	0.1785	0.1757	0.82	0.16	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.1426	0.1416	0.1402	0.85	0.16	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.1804	0.1795	0.1774	0.86	0.17	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1608	0.1628	0.1638	0.94	0.18	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.1573	0.1587	0.1604	0.98	0.19	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.1558	0.1538	0.1526	1.05	0.2	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1521	0.1554	0.1533	1.09	0.21	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.1594	0.1567	0.1555	1.27	0.24	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	186	0.1518	0.1481	0.1515	1.37	0.26	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1657	0.1650	0.1692	1.35	0.26	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.99	Other	154	0.1741	0.1718	0.1767	1.41	0.27	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	150	0.1664	0.1610	0.1639	1.65	0.32	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1286	0.1274	0.1322	1.93	0.36	4.43	0.29	20	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)	006.30	Other LC-MS	159	0.1590	0.1570	0.1530	1.95	0.37	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.1514	0.1554	0.1574	1.97	0.37	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.1384	0.1437	0.1374	2.42	0.45	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.2128	0.2047	0.2044	2.3	0.45	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1465	0.1422	0.1395	2.47	0.46	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1313	0.1253	0.1258	2.61	0.48	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.1512	0.1585	0.1579	2.6	0.49	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.1177	0.1243	0.1191	2.89	0.53	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.2060	0.1950	0.2010	2.74	0.54	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	119	0.1670	0.1585	0.1661	2.85	0.54	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11,	139	0.1656	0.1752	0.1724	2.89	0.55	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.1745	0.1682	0.1787	3.04	0.59	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.1600	0.1665	0.1564	3.18	0.61	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.1800	0.1800	0.1900	3.15	0.61	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2103	0.1986	0.2116	3.46	0.68	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	112	0.1600	0.1500	0.1500	3.77	0.71	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1715	0.1668	0.1586	3.94	0.75	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	202	0.1208	0.1237	0.1313	4.33	0.79	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.1445	0.1471	0.1353	4.36	0.81	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.1014	0.1120	0.1090	5.08	0.91	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	205	0.1500	0.1570	0.1420	5.01	0.95	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1233	0.1357	0.1241	5.43	1	4.43	0.29	20	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)	006.30	Other LC-MS	156	0.1761	0.1951	0.1909	5.33	1.04	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	198	0.1396	0.1497	0.1343	5.54	1.04	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.1570	0.1500	0.1400	5.73	1.08	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.1149	0.1293	0.1246	5.97	1.09	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.1385	0.1500	0.1557	5.92	1.11	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.1359	0.1539	0.1499	6.45	1.21	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.1567	0.1624	0.1769	6.3	1.21	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	145	0.1500	0.1400	0.1600	6.67	1.26	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.1690	0.1510	0.1500	6.83	1.3	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	203	0.1500	0.1400	0.1300	7.14	1.33	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.99	Other	132	0.1800	0.1600	0.1600	6.93	1.33	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	131	0.1600	0.1400	0.1600	7.53	1.42	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	108	0.1497	0.1395	0.1622	7.56	1.43	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1621	0.1435	0.1413	7.67	1.44	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.1760	0.1540	0.1550	7.68	1.47	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.1470	0.1720	0.1580	7.88	1.5	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1461	0.1662	0.1700	7.99	1.52	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.1143	0.1002	0.1186	8.67	1.56	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.2550	0.2800	0.2400	7.82	1.6	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.1640	0.1630	0.1890	8.56	1.65	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	188	0.1548	0.1360	0.1305	9.07	1.69	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.1224	0.1058	0.1270	9.42	1.71	4.43	0.29	20	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)	006.01	AOAC 2018.10	155	0.1440	0.1640	0.1730	9.26	1.76	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.1785	0.1845	0.1322	17.3	3.32	4.43	0.29	20	0
Total Δ9-THC (%AR)	006.99	Other	172	0.1895	0.2514	0.1739	20	3.95	4.43	0.29	20	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	178	5.2300								1
Total CBD (%AR)	007.30	Other LC-MS	122	5.6040	5.5859	5.5981	0.16	0.05	2.76	0.16	7.78	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	108	4.4380	4.4140	4.4180	0.29	0.09	2.76	0.16	7.78	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	4.8599	4.8416	4.8151	0.46	0.15	2.76	0.16	7.78	0
Total CBD (%AR)	007.60	NIR	187	5.0106	5.0348	4.9885	0.46	0.15	2.76	0.16	7.78	0
Total CBD (%AR)	007.30	Other LC-MS	156	5.4111	5.3698	5.4208	0.5	0.16	2.76	0.16	7.78	0
Total CBD (%AR)	007.99	Other	154	3.8710	3.8226	3.8452	0.63	0.19	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	200	4.4912	4.5479	4.5471	0.72	0.23	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	150	4.6818	4.7444	4.6880	0.73	0.23	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	204	5.1236	5.1539	5.1997	0.74	0.24	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	205	5.0710	5.0700	4.9960	0.85	0.27	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	116	5.3452	5.2645	5.3534	0.92	0.3	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	123	5.4030	5.3190	5.4180	0.99	0.32	2.76	0.16	7.78	0
Total CBD (%AR)	007.60	NIR	138	7.9000	7.7550	7.8600	0.96	0.33	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	189	4.9337	4.9604	5.0367	1.07	0.34	2.76	0.16	7.78	0
Total CBD (%AR)	007.30	Other LC-MS	164	5.4478	5.4309	5.5410	1.08	0.35	2.76	0.16	7.78	0
Total CBD (%AR)	007.40	GC-FID	163	4.9610	5.0710	5.0160	1.1	0.35	2.76	0.16	7.78	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	125	5.5910	5.5120	5.4711	1.1	0.36	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	144	5.4196	5.4548	5.3239	1.25	0.4	2.76	0.16	7.78	0
Total CBD (%AR)	007.30	Other LC-MS	159	5.1500	5.1400	5.0300	1.3	0.42	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	186	5.3021	5.1738	5.2915	1.35	0.44	2.76	0.16	7.78	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	5.4657	5.3151	5.3885	1.4	0.45	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	145	5.6600	5.5400	5.7000	1.48	0.48	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	192	3.6863	3.5733	3.6176	1.57	0.48	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	203	5.4800	5.4900	5.3000	1.97	0.64	2.76	0.16	7.78	0
Total CBD (%AR)	007.30	Other LC-MS	119	5.3039	5.1154	5.1267	2.04	0.65	2.76	0.16	7.78	0
Total CBD (%AR)	007.03	AOAC 2018.11,	139	4.3953	4.3650	4.2201	2.16	0.68	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	162	5.4687	5.5989	5.7127	2.18	0.71	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	142	4.5190	4.3200	4.3620	2.38	0.75	2.76	0.16	7.78	0
Total CBD (%AR)	007.01	AOAC 2018.10	131	5.5700	5.8300	5.6700	2.3	0.75	2.76	0.16	7.78	0
Total CBD (%AR)	007.01	AOAC 2018.10	168	4.9821	5.2279	5.0449	2.51	0.8	2.76	0.16	7.78	0
Total CBD (%AR)	007.99	Other	172	5.4911	5.5125	5.7604	2.68	0.87	2.76	0.16	7.78	0
Total CBD (%AR)	007.40	GC-FID	170	6.1606	5.8331	6.1010	2.89	0.95	2.76	0.16	7.78	0
Total CBD (%AR)	007.01	AOAC 2018.10	155	4.4900	4.5200	4.2600	3.22	1.01	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	172	5.1237	5.4156	5.4369	3.29	1.06	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	191	3.4105	3.6441	3.4098	3.87	1.17	2.76	0.16	7.78	0
Total CBD (%AR)	007.40	GC-FID	116	4.8032	5.1256	4.7921	3.86	1.23	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	197	5.7520	5.6390	5.3080	4.15	1.34	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	141	4.4132	4.7683	4.3675	4.86	1.53	2.76	0.16	7.78	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	194	5.5407	5.8592	5.3388	4.7	1.53	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	196	4.3710	4.8160	4.4630	5.16	1.62	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	149	5.1330	4.5820	5.0330	5.97	1.9	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	198	5.0136	5.3430	4.7335	6.07	1.94	2.76	0.16	7.78	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	3.7951	4.1329	4.2950	6.26	1.94	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	202	4.1987	4.2776	4.7121	6.29	1.97	2.76	0.16	7.78	0
Total CBD (%AR)	007.30	Other LC-MS	149	5.6360	5.1440	5.0220	6.17	1.98	2.76	0.16	7.78	0
Total CBD (%AR)	007.30	Other LC-MS	188	5.5410	5.7740	5.1100	6.15	1.99	2.76	0.16	7.78	0
Total CBD (%AR)	007.10	Other LC-UV	109	5.2970	6.0160	5.8250	6.52	2.12	2.76	0.16	7.78	0
Total CBD (%AR)	007.40	GC-FID	185	5.9760	6.6400	6.7500	6.49	2.15	2.76	0.16	7.78	0
Total CBD (%AR)	007.40	GC-FID	138	5.7020	6.2754	6.5097	6.74	2.22	2.76	0.16	7.78	0
Total CBD (%AR)	007.99	Other	132	4.8800	4.3200	4.2400	7.78	2.44	2.76	0.16	7.78	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	202	<0.0003	<0.0003	<0.0003						1
CBDV (%AR)	008.99	Other	200	<0.0025	<0.0025	<0.0025						1
CBDV (%AR)	008.99	Other	132	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	195	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	189	<0.0050	<0.0050	<0.0050						1
CBDV (%AR)	008.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	106	<0.0100	<0.0100	0.0200						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	197	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBDV (%AR)	008.99	Other	203	0.0000	0.0000	0.0000	0					0
CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDV (%AR)	008.99	Other	186	<0.0100	<0.0100	<0.0100						1
CBDV (%AR)	008.02	AOAC 2018.11, U	108	<0.0050	<0.0050	<0.0050						1
CBDV (%AR)	008.99	Other	194	<0.0239	<0.0239	<0.0239						1
CBDV (%AR)	008.99	Other	149	0.0040	0.0040	0.0040	0	0				0
CBDV (%AR)	008.99	Other	159	0.0115	0.0113	0.0112	1.35	0.17				0
CBDV (%AR)	008.99	Other	205	0.0190	0.0240	0.0190	14	1.96				0

CBDVA (%AR)

CBDVA (%AR)	009.01	AOAC 2018.10	131	<0.0100	<0.0100	<0.0100						1
CBDVA (%AR)	009.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDVA (%AR)	009.02	AOAC 2018.11, U	108	<0.0016	<0.0016	<0.0016						1
CBDVA (%AR)	009.99	Other	154	<0.0500	<0.0500	<0.0500						1
CBDVA (%AR)	009.01	AOAC 2018.10	168	0.0354	0.0379	0.0355	3.9	0.59	7.22	3.9	134	0
CBDVA (%AR)	009.99	Other	159	0.0145	0.0132	0.0138	4.7	0.62	7.22	3.9	134	0
CBDVA (%AR)	009.99	Other	149	0.0110	0.0100	0.0100	5.59	0.71	7.22	3.9	134	0
CBDVA (%AR)	009.99	Other	186	0.0425	0.0407	0.0466	6.99	1.09	7.22	3.9	134	0
CBDVA (%AR)	009.01	AOAC 2018.10	155	0.0210	0.0220	0.0250	9.18	1.3	7.22	3.9	134	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDVA (%AR)	009.99	Other	203	0.0000	0.0210	0.1100	134	20.95	7.22	3.9	134	0
CBG (%AR)												
CBG (%AR)	010.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	186	<0.0100	<0.0100	<0.0100						1
CBG (%AR)	010.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	154	<0.0700	<0.0700	<0.0700						1
CBG (%AR)	010.99	Other	197	<0.0500	<0.0500	<0.0500						1
CBG (%AR)	010.99	Other	106	<0.0100	<0.0100	<0.0100						1
CBG (%AR)	010.99	Other	123	<0.0940	<0.0920	<0.0890						1
CBG (%AR)	010.99	Other	194	<0.0724	<0.0724	<0.0724						1
CBG (%AR)	010.99	Other	141	<0.0120	<0.0120	<0.0120						1
CBG (%AR)	010.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBG (%AR)	010.01	AOAC 2018.10	131	<0.0200	<0.0300	<0.0200						1
CBG (%AR)	010.99	Other	132	0.0200	0.0200	0.0200	0	0	7.53	0	38.3	0
CBG (%AR)	010.99	Other	159	0.0272	0.0278	0.0269	1.68	0.25	7.53	0	38.3	0
CBG (%AR)	010.99	Other	195	0.0306	0.0296	0.0295	2.03	0.3	7.53	0	38.3	0
CBG (%AR)	010.99	Other	119	0.0334	0.0329	0.0343	2.12	0.32	7.53	0	38.3	0
CBG (%AR)	010.99	Other	203	0.0220	0.0210	0.0210	2.71	0.38	7.53	0	38.3	0
CBG (%AR)	010.99	Other	202	0.0414	0.0447	0.0426	3.89	0.61	7.53	0	38.3	0
CBG (%AR)	010.02	AOAC 2018.11, U	152	0.0651	0.0647	0.0607	3.83	0.63	7.53	0	38.3	0
CBG (%AR)	010.02	AOAC 2018.11, U	108	0.0452	0.0492	0.0486	4.53	0.72	7.53	0	38.3	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	200	0.0906	0.0821	0.0851	5.02	0.87	7.53	0	38.3	0
CBG (%AR)	010.99	Other	149	0.0300	0.0300	0.0270	5.97	0.88	7.53	0	38.3	0
CBG (%AR)	010.99	Other	142	0.0220	0.0205	0.0191	7.06	0.99	7.53	0	38.3	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.0794	0.0689	0.0720	7.35	1.24	7.53	0	38.3	0
CBG (%AR)	010.99	Other	162	0.0418	0.0359	0.0362	8.75	1.34	7.53	0	38.3	0
CBG (%AR)	010.99	Other	204	0.0370	0.0463	0.0368	13.6	2.1	7.53	0	38.3	0
CBG (%AR)	010.01	AOAC 2018.10	155	0.0400	0.0350	0.0290	15.9	2.4	7.53	0	38.3	0
CBG (%AR)	010.01	AOAC 2018.10	168	0.0460	0.0576	0.0429	15.9	2.53	7.53	0	38.3	0
CBG (%AR)	010.99	Other	189	0.0416	0.0425	0.0240	28.9	4.41	7.53	0	38.3	0
CBG (%AR)	010.99	Other	205	0.0250	0.0190	0.0110	38.3	5.27	7.53	0	38.3	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	132	<0.0100	<0.0100	<0.0100						1
CBGA (%AR)	011.99	Other	188	0.0539	0.0601	<0.0500						1
CBGA (%AR)	011.02	AOAC 2018.11, U	108	<0.0008	<0.0008	<0.0008						1
CBGA (%AR)	011.99	Other	197	<0.0500	<0.0500	<0.0500						1
CBGA (%AR)	011.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBGA (%AR)	011.99	Other	123	<0.0940	<0.0920	<0.0890						1
CBGA (%AR)	011.99	Other	194	<0.0724	<0.0724	<0.0724						1
CBGA (%AR)	011.99	Other	204	0.0638	0.0642	0.0635	0.55	0.09	8.01	0.55	26.6	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.0587	0.0583	0.0592	0.77	0.13	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	154	0.0894	0.0890	0.0869	1.52	0.26	8.01	0.55	26.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.99	Other	196	0.0454	0.0474	0.0458	2.29	0.36	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	186	0.0564	0.0546	0.0570	2.23	0.36	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	195	0.0554	0.0578	0.0559	2.25	0.37	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	159	0.0324	0.0330	0.0311	3.02	0.45	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	202	0.0453	0.0447	0.0488	4.79	0.76	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	189	0.0605	0.0650	0.0591	5.01	0.83	8.01	0.55	26.6	0
CBGA (%AR)	011.01	AOAC 2018.10	155	0.0410	0.0450	0.0400	6.3	0.98	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	203	0.0650	0.0610	0.0570	6.56	1.08	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	205	0.0520	0.0530	0.0590	6.93	1.12	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	149	0.0440	0.0410	0.0350	11.5	1.77	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	141	0.0340	0.0298	0.0266	12.3	1.83	8.01	0.55	26.6	0
CBGA (%AR)	011.02	AOAC 2018.11, U	152	0.0532	0.0483	0.0607	11.6	1.87	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	162	0.0642	0.0676	0.0524	13	2.14	8.01	0.55	26.6	0
CBGA (%AR)	011.01	AOAC 2018.10	168	0.0580	0.0734	0.0586	13.8	2.28	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	142	0.0812	0.0745	0.1109	21.8	3.8	8.01	0.55	26.6	0
CBGA (%AR)	011.01	AOAC 2018.10	131	0.0600	0.0500	0.0800	24.1	4	8.01	0.55	26.6	0
CBGA (%AR)	011.99	Other	106	0.0500	0.0500	0.0300	26.6	4.17	8.01	0.55	26.6	0

THCV (%AR)

THCV (%AR)	012.99	Other	132	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	188	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.02	AOAC 2018.11, U	108	<0.0051	<0.0051	<0.0051						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	154	<0.0150	<0.0150	<0.0150						1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.03	AOAC 2018.11,	159	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	149	<0.0240	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	186	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	195	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	123	<0.0940	<0.0920	<0.0890						1
THCV (%AR)	012.99	Other	203	0.0000	0.0000	0.0000	0					0
THCV (%AR)	012.99	Other	194	<0.0239	<0.0239	<0.0239						1
THCV (%AR)	012.99	Other	202	<0.0003	<0.0003	<0.0003						1
THCV (%AR)	012.99	Other	168	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	109	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	197	<0.0500	<0.0500	<0.0500						1
THCV (%AR)	012.99	Other	119	<0.0040	<0.0040	<0.0040						1
THCV (%AR)	012.99	Other	189	0.0125	0.0125	0.0129	1.83	0.24				0
THCV (%AR)	012.99	Other	200	0.0089	0.0085	0.0083	3.57	0.44				0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	188	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.01	AOAC 2018.10	131	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)	013.02	AOAC 2018.11, U	108	<0.0045	<0.0045	<0.0045						1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	154	<0.0490	<0.0490	<0.0490						1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120						1
Δ8-THC (%AR)	013.99	Other	186	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	205	<0.0070	<0.0070	<0.0070						1
Δ8-THC (%AR)	013.99	Other	203	0.0000	0.0000	0.0000	0					0
Δ8-THC (%AR)	013.99	Other	149	<0.0240	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	195	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	202	<0.0001	<0.0001	<0.0001						1
Δ8-THC (%AR)	013.99	Other	194	<0.0239	<0.0239	<0.0239						1
Δ8-THC (%AR)	013.99	Other	200	<0.0025	<0.0025	<0.0025						1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	123	<0.0940	<0.0920	<0.0890						1
Δ8-THC (%AR)	013.99	Other	159	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	197	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	109	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	189	0.0061	0.0067	0.0062	5.08	0.6				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBC (%AR)								
CBC (%AR)	014.99	Other	189	0.1237	0.1239	0.1232	0.29	0.05	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	162	0.1266	0.1266	0.1257	0.41	0.08	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	200	0.1179	0.1169	0.1181	0.55	0.1	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	204	0.1210	0.1228	0.1220	0.74	0.14	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	195	0.1219	0.1247	0.1223	1.23	0.23	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	188	0.1169	0.1158	0.1194	1.57	0.29	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	119	0.1447	0.1408	0.1454	1.73	0.32	4.04	0.29	15.2	0
CBC (%AR)	014.01	AOAC 2018.10	168	0.1130	0.1120	0.1162	1.93	0.35	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	142	0.1075	0.1028	0.1049	2.24	0.4	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	203	0.1140	0.1110	0.1090	2.26	0.41	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	109	0.1230	0.1280	0.1280	2.29	0.42	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	186	0.1169	0.1112	0.1149	2.53	0.46	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	202	0.1136	0.1172	0.1202	2.82	0.51	4.04	0.29	15.2	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.1337	0.1348	0.1425	3.5	0.65	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	196	0.0951	0.1033	0.0999	4.14	0.73	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	154	0.1032	0.1022	0.1110	4.57	0.82	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	132	0.1300	0.1200	0.1200	4.68	0.86	4.04	0.29	15.2	0
CBC (%AR)	014.01	AOAC 2018.10	131	0.1200	0.1100	0.1100	5.09	0.92	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	159	0.0873	0.0928	0.0833	5.43	0.95	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	205	0.1060	0.1030	0.1150	5.78	1.04	4.04	0.29	15.2	0
CBC (%AR)	014.01	AOAC 2018.10	155	0.1320	0.1270	0.1160	6.55	1.2	4.04	0.29	15.2	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	106	0.1200	0.1300	0.1100	8.33	1.52	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	197	0.1220	0.1160	0.1000	10.1	1.82	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	149	0.1200	0.1200	0.1000	10.2	1.84	4.04	0.29	15.2	0
CBC (%AR)	014.99	Other	123	0.1060	0.1020	0.1280	12.5	2.26	4.04	0.29	15.2	0
CBC (%AR)	014.02	AOAC 2018.11, U	108	0.1531	0.1128	0.1314	15.2	2.82	4.04	0.29	15.2	0

Cd (ug/g AR)

Cd (ug/g AR)	101.99	Other	195	:15.8700	:19.8200	<22.2100						1
Cd (ug/g AR)	101.04	ICP-MS	197	<0.1000	<0.1010	<0.0980						1
Cd (ug/g AR)	101.04	ICP-MS	142	0.0750	0.0720	0.0740	2.07	0.35	5.99	2.07	15.2	0
Cd (ug/g AR)	101.04	ICP-MS	122	0.0646	0.0672	0.0686	3.04	0.51	5.99	2.07	15.2	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.0680	0.0738	0.0714	4.1	0.69	5.99	2.07	15.2	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.0780	0.0730	0.0700	5.49	0.93	5.99	2.07	15.2	0
Cd (ug/g AR)	101.04	ICP-MS	162	0.0710	0.0731	0.0804	6.59	1.12	5.99	2.07	15.2	0
Cd (ug/g AR)	101.04	ICP-MS	168	0.0700	0.0780	0.0690	6.82	1.15	5.99	2.07	15.2	0
Cd (ug/g AR)	101.04	ICP-MS	137	0.0752	0.0700	0.0832	8.73	1.49	5.99	2.07	15.2	0
Cd (ug/g AR)	101.03	ICP-OES	132	0.0640	0.0870	0.0780	15.2	2.59	5.99	2.07	15.2	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	197	<0.1000	<0.1010	<0.0980						1
As (ug/g AR)	102.99	Other	195	<2.6050	<2.2920	<1.1280						1
As (ug/g AR)	102.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
As (ug/g AR)	102.04	ICP-MS	162	<0.0500	0.0565	0.0627						1
As (ug/g AR)	102.04	ICP-MS	141	0.0770	0.0870	0.0810	6.16	1.06	13.86	6.16	52.3	0
As (ug/g AR)	102.04	ICP-MS	168	0.0460	0.0530	0.0460	8.36	1.33	13.86	6.16	52.3	0
As (ug/g AR)	102.04	ICP-MS	122	0.0621	0.0666	0.0544	10.1	1.67	13.86	6.16	52.3	0
As (ug/g AR)	102.04	ICP-MS	137	0.0729	0.0592	0.0569	13.7	2.27	13.86	6.16	52.3	0
As (ug/g AR)	102.04	ICP-MS	196	0.0659	0.0656	0.0887	18.1	3.06	13.86	6.16	52.3	0
As (ug/g AR)	102.03	ICP-OES	132	0.1370	0.4420	0.4560	52.3	11.16	13.86	6.16	52.3	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072						1
Hg (ug/g AR)	103.04	ICP-MS	168	<0.0140	<0.0130	<0.0130						1
Hg (ug/g AR)	103.99	Other	195	<1.5620	<2.5250	<1.6830						1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.1000	<0.1010	<0.0980						1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0139	0.0450	0.0300						1
Hg (ug/g AR)	103.04	ICP-MS	137	<0.0094	<0.0101	<0.0100						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	122	0.0167	0.0162	0.0164	1.53	0.21				0

Pb (ug/g AR)

Pb (ug/g AR)	104.99	Other	195	<5.3680	<4.9610	<5.8520						1
Pb (ug/g AR)	104.04	ICP-MS	122	1.2364	1.3166	1.2765	3.14	0.82	9.29	3.14	22.3	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	197	1.4730	1.4680	1.6340	6.19	1.65	9.29	3.14	22.3	0
Pb (ug/g AR)	104.04	ICP-MS	141	1.6700	1.5900	1.4300	7.82	2.09	9.29	3.14	22.3	0
Pb (ug/g AR)	104.02	furnace AA	132	0.2740	0.2280	0.2740	10.3	2.1	9.29	3.14	22.3	0
Pb (ug/g AR)	104.04	ICP-MS	142	1.3080	1.1000	1.2430	8.74	2.26	9.29	3.14	22.3	0
Pb (ug/g AR)	104.04	ICP-MS	196	1.5600	1.4100	1.6700	8.44	2.26	9.29	3.14	22.3	0
Pb (ug/g AR)	104.04	ICP-MS	168	1.3400	1.6400	1.5300	10.1	2.69	9.29	3.14	22.3	0
Pb (ug/g AR)	104.04	ICP-MS	162	1.4891	1.7895	1.3896	13.4	3.58	9.29	3.14	22.3	0
Pb (ug/g AR)	104.04	ICP-MS	137	2.2200	1.6700	1.4500	22.3	6.09	9.29	3.14	22.3	0

Cu (ug/g AR)

Cu (ug/g AR)	105.04	ICP-MS	122	11.0873	11.0230	11.2195	0.9	0.32				0
Cu (ug/g AR)	105.04	ICP-MS	196	9.6200	9.8500	9.9600	1.77	0.62				0
Cu (ug/g AR)	105.04	ICP-MS	142	11.4190	11.2890	10.8920	2.45	0.88				0
Cu (ug/g AR)	105.03	ICP-OES	132	8.4000	9.1200	9.1200	4.68	1.63				0
Cu (ug/g AR)	105.99	Other	195	12.1950	13.0530	11.1330	7.93	2.89				0

Ni (ug/g AR)

Ni (ug/g AR)	106.99	Other	195	<1.0090	<1.1700	<1.3900						1
Ni (ug/g AR)	106.04	ICP-MS	122	0.4168	0.4242	0.4205	0.88	0.19				0
Ni (ug/g AR)	106.04	ICP-MS	141	0.4840	0.4900	0.5080	2.53	0.57				0
Ni (ug/g AR)	106.04	ICP-MS	142	0.3760	0.3570	0.3550	3.2	0.69				0
Ni (ug/g AR)	106.04	ICP-MS	196	0.5380	0.4670	0.4520	9.46	2.13				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Ni (ug/g AR)	106.03	ICP-OES	132	0.8660	0.9120	0.3690	42.1	10.03				0
Cr (ug/g AR)												
Cr (ug/g AR)	107.99	Other	195	<4.2220	<5.3740	<5.0420						1
Cr (ug/g AR)	107.04	ICP-MS	197	0.9130	0.9110	0.9080	0.28	0.07	8.85	0.28	18.6	0
Cr (ug/g AR)	107.04	ICP-MS	122	0.8836	0.8337	0.8587	2.91	0.71	8.85	0.28	18.6	0
Cr (ug/g AR)	107.04	ICP-MS	196	0.7700	0.8180	0.7760	3.32	0.8	8.85	0.28	18.6	0
Cr (ug/g AR)	107.03	ICP-OES	132	0.2740	0.3650	0.3190	14.2	3.01	8.85	0.28	18.6	0
Cr (ug/g AR)	107.04	ICP-MS	142	0.6770	0.6250	0.5140	13.8	3.2	8.85	0.28	18.6	0
Cr (ug/g AR)	107.04	ICP-MS	141	0.8330	1.1400	1.2000	18.6	4.7	8.85	0.28	18.6	0
Se (ug/g AR)												
Se (ug/g AR)	108.99	Other	195	<0.9200	<2.8000	<2.4220						1
Se (ug/g AR)	108.04	ICP-MS	142	0.0000	0.0000	0.0000	0					0
Se (ug/g AR)	108.04	ICP-MS	197	<0.1000	<0.1010	<0.0980						1
Se (ug/g AR)	108.04	ICP-MS	141	0.2000	0.2160	0.2040	4.03	0.8				0
Se (ug/g AR)	108.03	ICP-OES	132	3.1010	2.2280	2.5080	17.1	4.94				0
Se (ug/g AR)	108.04	ICP-MS	196	0.5440	0.3660	0.3610	24.6	5.42				0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0005	<0.0005	<0.0005						1
Ag (ug/g AR)	109.99	Other	195	:44.0600	:38.8900	<41.8100						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Ag (ug/g AR)	109.04	ICP-MS	122	0.0141	0.0093	0.0117	20.5	2.64				0
Ag (ug/g AR)	109.03	ICP-OES	132	0.1140	0.0330	0.0640	58.1	9.78				0
Ba (ug/g AR)												
Ba (ug/g AR)	110.99	Other	195	:34.3300	:35.5800	<26.9900						1
Ba (ug/g AR)	110.04	ICP-MS	122	9.6938	9.7281	9.8764	0.99	0.35				0
Ba (ug/g AR)	110.03	ICP-OES	132	8.2080	8.2080	7.7520	3.27	1.12				0
Zn (ug/g AR)												
Zn (ug/g AR)	111.03	ICP-OES	132	97.5840	93.9360	92.5680	2.74	1.36	4.39	2.74	10.9	0
Zn (ug/g AR)	111.04	ICP-MS	122	.03.2183	.01.4472	107.0565	2.76	1.39	4.39	2.74	10.9	0
Zn (ug/g AR)	111.04	ICP-MS	141	.00.0000	.04.0000	98.5000	2.82	1.41	4.39	2.74	10.9	0
Zn (ug/g AR)	111.04	ICP-MS	196	98.0000	.08.0000	103.0000	4.85	2.44	4.39	2.74	10.9	0
Zn (ug/g AR)	111.99	Other	195	83.0940	92.3510	87.6030	5.28	2.59	4.39	2.74	10.9	0
Zn (ug/g AR)	111.04	ICP-MS	142	99.0830	.08.8960	122.9860	10.9	5.53	4.39	2.74	10.9	0
Sb (ug/g AR)												
Sb (ug/g AR)	112.99	Other	195	:38.7300	:52.7700	<52.5100						1
Sb (ug/g AR)	112.04	ICP-MS	196	0.0502	0.0425	0.0567	14.3	2.28				0
Moisture (%AR)												
Moisture (%AR)	500.99	Other	178	7.9100								1

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.	204	10.8000	10.8000	10.8000	0	0	2.57	0	6.47	0
Moisture (%AR)	500.99	Other	142	8.8600	8.8600	8.8600	0	0	2.57	0	6.47	0
Moisture (%AR)	500.99	Other	103	10.8900	10.8900	10.8900	0	0	2.57	0	6.47	0
Moisture (%AR)	500.72	NIR	138	12.1500	11.9500	11.9000	1.1	0.4	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	116	11.0400	10.8400	10.7500	1.36	0.49	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	119	11.2500	11.5400	11.5000	1.37	0.5	2.57	0	6.47	0
Moisture (%AR)	500.99	Other	132	12.1400	11.7600	11.9400	1.59	0.58	2.57	0	6.47	0
Moisture (%AR)	500.50	AOAC 930.15	199	13.3393	13.7380	13.3187	1.76	0.65	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	196	11.2600	10.8900	11.2900	2	0.72	2.57	0	6.47	0
Moisture (%AR)	500.99	Other	165	12.6823	13.0240	13.1967	2.02	0.74	2.57	0	6.47	0
Moisture (%AR)	500.50	AOAC 930.15	105	14.3000	14.9000	14.8000	2.19	0.82	2.57	0	6.47	0
Moisture (%AR)	500.72	NIR	187	9.7795	10.1769	10.2344	2.46	0.87	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	198	9.0600	9.5400	8.9300	3.5	1.22	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	182	11.3000	12.2650	11.7150	4.12	1.49	2.57	0	6.47	0
Moisture (%AR)	500.50	AOAC 930.15	192	14.2527	14.8506	15.4693	4.09	1.54	2.57	0	6.47	0
Moisture (%AR)	500.99	Other	120	11.7740	10.9824	10.7878	4.67	1.68	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	109	11.9100	11.0900	10.8300	5	1.8	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	186	10.5180	11.5500	10.2600	6.33	2.27	2.57	0	6.47	0
Moisture (%AR)	500.70	Commerc. Anal.	183	10.7100	10.0400	9.4100	6.47	2.29	2.57	0	6.47	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	178	0.0500								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	
Δ9-THC (%DW)	501.10	Other LC-UV	186	0.0872	0.0853	0.0860	1.12	0.19	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.60	NIR	187	0.1005	0.0997	0.1019	1.11	0.2	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.1072	0.1092	0.1060	1.5	0.27	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.0882	0.0853	0.0870	1.68	0.29	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.0970	0.0944	0.0978	1.84	0.33	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.0880	0.0860	0.0840	2.33	0.4	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.0912	0.0881	0.0871	2.41	0.42	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	194	0.0888	0.0862	0.0904	2.4	0.42	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.0771	0.0787	0.0810	2.48	0.43	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.99	Other	183	0.0963	0.1001	0.0952	2.65	0.47	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.0955	0.1002	0.1002	2.75	0.49	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	188	0.0690	0.0657	0.0704	3.53	0.59	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	198	0.0886	0.0943	0.0870	4.27	0.74	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.0914	0.1023	0.0972	5.62	0.99	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.0784	0.0810	0.0876	5.76	0.99	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.0698	0.0787	0.0704	6.82	1.15	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	156	0.1136	0.1298	0.1197	6.76	1.23	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.0940	0.0796	0.0900	8.46	1.47	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.0780	0.1010	0.0840	13.6	2.37	4.01	1.11	30.2	0
Δ9-THC (%DW)	501.99	Other	172	0.1269	0.1828	0.1019	30.2	5.62	4.01	1.11	30.2	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)								
Δ9-THCA (%DW)	502.10	Other LC-UV	178	0.1300								1
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.1036	0.1038	0.1038	0.11	0.02	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.1012	0.1033	0.1048	1.75	0.31	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.1026	0.0991	0.1014	1.76	0.31	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	186	0.0945	0.0920	0.0956	1.96	0.34	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.0830	0.0830	0.0800	2.11	0.36	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.1010	0.1060	0.1050	2.54	0.45	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0889	0.0875	0.0842	2.78	0.48	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.60	NIR	187	0.0823	0.0816	0.0775	3.22	0.55	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.0789	0.0840	0.0793	3.51	0.6	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.30	Other LC-MS	156	0.1028	0.1118	0.1077	4.19	0.75	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.0636	0.0596	0.0582	4.63	0.76	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.1048	0.1016	0.0946	5.2	0.92	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.0896	0.0998	0.0992	5.95	1.05	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0892	0.0942	0.0835	6.02	1.05	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.99	Other	183	0.1105	0.1031	0.0978	6.15	1.1	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0560	0.0642	0.0593	6.9	1.13	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.10	Other LC-UV	198	0.0742	0.0804	0.0694	7.39	1.25	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.99	Other	172	0.1122	0.1295	0.1176	7.39	1.35	4.32	0.11	20.2	0
Δ9-THCA (%DW)	502.30	Other LC-MS	188	0.1100	0.0908	0.0732	20.2	3.53	4.32	0.11	20.2	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
				CBD (%DW)								
CBD (%DW)	503.10	Other LC-UV	178	1.4800								1
CBD (%DW)	503.10	Other LC-UV	116	2.2280	2.2074	2.2164	0.47	0.13	3.15	0.47	7.84	0
CBD (%DW)	503.60	NIR	187	1.6168	1.6021	1.5975	0.63	0.17	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	118	1.7000	1.7110	1.6900	0.62	0.17	3.15	0.47	7.84	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	1.9749	1.9563	1.9451	0.77	0.21	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	204	1.9752	2.0092	1.9936	0.85	0.24	3.15	0.47	7.84	0
CBD (%DW)	503.30	Other LC-MS	156	2.5429	2.4852	2.5041	1.17	0.34	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	142	1.9687	1.8849	1.9208	2.18	0.6	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	186	2.0436	1.9610	1.9681	2.3	0.64	3.15	0.47	7.84	0
CBD (%DW)	503.99	Other	172	2.3066	2.3494	2.4312	2.68	0.76	3.15	0.47	7.84	0
CBD (%DW)	503.30	Other LC-MS	105	1.7900	1.8000	1.6800	3.79	1.03	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	172	2.1050	2.2877	2.1899	4.17	1.17	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	196	1.7670	1.9280	1.8240	4.44	1.22	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	194	1.9552	2.0265	1.8517	4.52	1.25	3.15	0.47	7.84	0
CBD (%DW)	503.30	Other LC-MS	188	1.9155	2.1123	1.9176	5.7	1.58	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	109	1.9090	2.1350	2.1250	6.21	1.73	3.15	0.47	7.84	0
CBD (%DW)	503.10	Other LC-UV	198	3.7226	3.9837	3.5331	6.04	1.84	3.15	0.47	7.84	0
CBD (%DW)	503.99	Other	183	2.0708	2.0426	1.7905	7.84	2.18	3.15	0.47	7.84	0

CBDA (%DW)

CBDA (%DW)	504.10	Other LC-UV	178	4.2000								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	
CBDA (%DW)	504.30	Other LC-MS	156	4.1967	4.2092	4.2065	0.16	0.05	3.03	0.16	10.3	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	4.1426	4.1693	4.1162	0.64	0.2	3.03	0.16	10.3	0
CBDA (%DW)	504.60	NIR	187	4.4900	4.5654	4.5158	0.85	0.27	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	204	4.2943	4.2973	4.3735	1.04	0.32	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	118	3.8430	3.8660	3.7700	1.31	0.4	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	116	4.2984	4.2186	4.3222	1.27	0.4	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	186	4.4457	4.3759	4.5183	1.6	0.5	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	142	3.4088	3.2554	3.2671	2.58	0.77	3.03	0.16	10.3	0
CBDA (%DW)	504.99	Other	183	5.0987	5.1125	4.8687	2.72	0.87	3.03	0.16	10.3	0
CBDA (%DW)	504.99	Other	172	4.7531	4.7331	4.9731	2.76	0.88	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	172	4.4894	4.6733	4.8137	3.49	1.1	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	196	3.6010	3.9640	3.6580	5.22	1.59	3.03	0.16	10.3	0
CBDA (%DW)	504.30	Other LC-MS	105	3.2400	2.9400	2.9400	5.7	1.69	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	198	2.0496	2.1656	1.9141	6.16	1.72	3.03	0.16	10.3	0
CBDA (%DW)	504.10	Other LC-UV	109	4.6790	5.2800	5.0260	6.04	1.93	3.03	0.16	10.3	0
CBDA (%DW)	504.30	Other LC-MS	188	4.5708	4.6306	3.8244	10.3	3.23	3.03	0.16	10.3	0

CBN (%DW)

CBN (%DW)	505.30	GC-FID	116	<0.0400	0.0416	0.0480						1
CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0550	<0.0550	<0.0550						1
CBN (%DW)	505.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%DW)	505.20	Other LC-MS	188	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.20	Other LC-MS	105	<0.0144	<0.0144	<0.0144						1
CBN (%DW)	505.10	Other LC-UV	116	<0.0400	<0.0400	<0.0400						1
CBN (%DW)	505.10	Other LC-UV	186	0.0128	0.0126	0.0126	0.91	0.12	6.73	0.91	40.5	0
CBN (%DW)	505.10	Other LC-UV	204	0.0133	0.0130	0.0133	1.31	0.17	6.73	0.91	40.5	0
CBN (%DW)	505.10	Other LC-UV	192	0.0197	0.0213	0.0207	3.93	0.55	6.73	0.91	40.5	0
CBN (%DW)	505.20	Other LC-MS	156	0.0198	0.0187	0.0183	4.1	0.57	6.73	0.91	40.5	0
CBN (%DW)	505.10	Other LC-UV	142	0.0110	0.0106	0.0126	9.28	1.19	6.73	0.91	40.5	0
CBN (%DW)	505.10	Other LC-UV	198	0.0341	0.0386	0.0310	11.1	1.67	6.73	0.91	40.5	0
CBN (%DW)	505.99	Other	183	0.0071	0.0166	0.0163	40.5	5.31	6.73	0.91	40.5	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	178	0.1900								1
Total Δ9-THC (%DW)	506.60	NIR	187	0.1726	0.1712	0.1700	0.76	0.15	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.1980	0.2003	0.1971	0.83	0.16	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.1855	0.1871	0.1891	0.96	0.19	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.1707	0.1744	0.1720	1.09	0.21	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.1858	0.1849	0.1897	1.37	0.27	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	186	0.1710	0.1660	0.1698	1.55	0.3	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.1600	0.1590	0.1540	2.04	0.39	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.1553	0.1612	0.1542	2.4	0.46	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1500	0.1496	0.1564	2.51	0.47	3.92	0.76	19.8	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)	506.02	AOAC 2018.11, U	199	0.1691	0.1649	0.1610	2.46	0.47	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.1440	0.1375	0.1380	2.59	0.48	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.1430	0.1360	0.1420	2.7	0.5	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.1833	0.1914	0.1802	3.13	0.61	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.99	Other	183	0.1932	0.1906	0.1809	3.44	0.67	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.1390	0.1523	0.1399	5.17	0.97	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.1570	0.1685	0.1746	5.36	1.03	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	198	0.1537	0.1648	0.1479	5.52	1.05	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	156	0.1995	0.2255	0.2128	6.12	1.21	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1828	0.1645	0.1595	7.26	1.39	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.1660	0.1940	0.1770	7.88	1.53	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.1660	0.1889	0.1932	8	1.55	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	188	0.1655	0.1454	0.1346	10.6	1.99	3.92	0.76	19.8	0
Total Δ9-THC (%DW)	506.99	Other	172	0.2253	0.2964	0.2050	19.8	4.01	3.92	0.76	19.8	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	178	5.6700								1
Total CBD (%DW)	507.30	Other LC-MS	156	6.2199	6.1763	6.1887	0.36	0.12	3.02	0.36	8.04	0
Total CBD (%DW)	507.60	NIR	187	5.5545	5.6060	5.5578	0.52	0.17	3.02	0.36	8.04	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	5.6080	5.6127	5.5550	0.57	0.19	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	204	5.7440	5.7779	5.8292	0.74	0.24	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	116	5.9977	5.9072	6.0069	0.92	0.3	3.02	0.36	8.04	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)	507.10	Other LC-UV	118	5.0710	5.1190	4.9960	1.22	0.39	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	192	4.2990	4.1965	4.2796	1.28	0.4	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	186	5.9425	5.7987	5.9306	1.35	0.44	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	142	4.9583	4.7399	4.7860	2.38	0.76	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	172	6.1422	6.3862	6.4115	2.36	0.78	3.02	0.36	8.04	0
Total CBD (%DW)	507.99	Other	172	6.4751	6.5002	6.7926	2.68	0.89	3.02	0.36	8.04	0
Total CBD (%DW)	507.40	GC-FID	116	5.3896	5.7513	5.3772	3.86	1.25	3.02	0.36	8.04	0
Total CBD (%DW)	507.30	Other LC-MS	105	4.6300	4.3800	4.2600	4.27	1.34	3.02	0.36	8.04	0
Total CBD (%DW)	507.99	Other	183	6.5424	6.5263	6.0603	4.29	1.42	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	196	4.9250	5.4050	5.0310	4.92	1.58	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	198	5.5201	5.8829	5.2118	6.07	1.96	3.02	0.36	8.04	0
Total CBD (%DW)	507.10	Other LC-UV	109	6.0130	6.7660	6.5330	5.99	1.98	3.02	0.36	8.04	0
Total CBD (%DW)	507.40	GC-FID	138	6.4796	7.1312	7.3974	6.74	2.26	3.02	0.36	8.04	0
Total CBD (%DW)	507.30	Other LC-MS	188	5.9240	6.1730	5.2720	8.04	2.62	3.02	0.36	8.04	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBDV (%DW)	508.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBDV (%DW)	508.99	Other	142	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	186	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.99	Other	183	0.0000	0.0000	0.0000	0					0
CBDV (%DW)	508.99	Other	196	<0.0205	<0.0205	<0.0205						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			CBDVA (%DW)									
CBDVA (%DW)	509.99	Other	183	0.0000	0.0000	0.0000	0					0
CBDVA (%DW)	509.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBDVA (%DW)	509.99	Other	186	0.0476	0.0457	0.0522	6.89	1.1				0
			CBG (%DW)									
CBG (%DW)	510.99	Other	186	<0.0100	<0.0100	<0.0100						1
CBG (%DW)	510.99	Other	188	<0.0500	<0.0500	<0.0500						1
CBG (%DW)	510.99	Other	196	<0.0205	<0.0205	<0.0205						1
CBG (%DW)	510.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBG (%DW)	510.99	Other	142	0.0241	0.0225	0.0210	6.88	0.98				0
CBG (%DW)	510.99	Other	183	0.0416	0.0436	0.0348	11.5	1.78				0
CBG (%DW)	510.99	Other	204	0.0415	0.0519	0.0413	13.5	2.12				0
CBG (%DW)	510.99	Other	105	0.0225	0.0260	0.0735	70.1	10.86				0
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	188	0.0576	0.0643	<0.0500						1
CBGA (%DW)	511.99	Other	109	<0.0500	<0.0500	<0.0500						1
CBGA (%DW)	511.99	Other	204	0.0715	0.0712	0.0720	0.56	0.1				0
CBGA (%DW)	511.99	Other	196	0.0511	0.0532	0.0516	2.11	0.34				0
CBGA (%DW)	511.99	Other	186	0.0633	0.0612	0.0639	2.26	0.37				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	0.0749	0.0715	0.0728	2.35	0.4				0
CBGA (%DW)	511.99	Other	142	0.0891	0.0817	0.1217	21.8	3.86				0
THCV (%DW)												
THCV (%DW)	512.99	Other	188	<0.0500	<0.0500	<0.0500						1
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100						1
THCV (%DW)	512.99	Other	109	<0.0500	<0.0500	<0.0500						1
THCV (%DW)	512.99	Other	186	<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	0.0000	0.0000	0.0000	0					0
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	188	<0.0500	<0.0500	<0.0500						1
Δ8-THC (%DW)	513.99	Other	109	<0.0500	<0.0500	<0.0500						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
Δ8-THC (%DW)	513.99	Other	183	0.0000	0.0000	0.0000	0					0
Δ8-THC (%DW)	513.99	Other	186	<0.0100	<0.0100	<0.0100						1
CBC (%DW)												
CBC (%DW)	514.99	Other	188	0.1250	0.1238	0.1232	0.74	0.14	2.34	0.73	3.97	0
CBC (%DW)	514.99	Other	204	0.1357	0.1377	0.1368	0.73	0.14	2.34	0.73	3.97	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	105	0.1140	0.1170	0.1180	1.79	0.32	2.34	0.73	3.97	0
CBC (%DW)	514.99	Other	109	0.1390	0.1440	0.1440	2.03	0.38	2.34	0.73	3.97	0
CBC (%DW)	514.99	Other	142	0.1180	0.1128	0.1151	2.26	0.41	2.34	0.73	3.97	0
CBC (%DW)	514.99	Other	186	0.1311	0.1247	0.1287	2.52	0.46	2.34	0.73	3.97	0
CBC (%DW)	514.99	Other	183	0.1419	0.1484	0.1389	3.39	0.64	2.34	0.73	3.97	0
CBC (%DW)	514.99	Other	194	0.1288	0.1364	0.1276	3.64	0.67	2.34	0.73	3.97	0
CBC (%DW)	514.99	Other	196	0.1071	0.1159	0.1126	3.97	0.72	2.34	0.73	3.97	0

Cd (ug/g DW)

Cd (ug/g DW)	601.04	ICP-MS	105	0.0865	0.0838	0.0844	1.67	0.29				0
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As (ug/g DW)

As (ug/g DW)	602.04	ICP-MS	105	0.0552	0.0616	0.0616	6.21	1.02				0
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Hg (ug/g DW)

Hg (ug/g DW)	603.04	ICP-MS	105	<0.0100	<0.0100	<0.1000						1
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Pb (ug/g DW)

Pb (ug/g DW)	604.04	ICP-MS	105	1.5600	1.6400	2.0000	13.5	3.68				0
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Cu (ug/g DW)

Cu (ug/g DW)	605.04	ICP-MS	105	12.7000	12.6000	12.5000	0.79	0.29				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	
Ni (ug/g DW)												
Ni (ug/g DW)	606.04	ICP-MS	105	0.5740	0.5360	0.6420	9.2	2.13				0
Cr (ug/g DW)												
Cr (ug/g DW)	607.04	ICP-MS	105	1.0700	1.0500	1.1400	4.35	1.1				0
Se (ug/g DW)												
Se (ug/g DW)	608.04	ICP-MS	105	<0.0414	<0.0414	<0.0414						1
Zn (ug/g DW)												
Zn (ug/g DW)	611.04	ICP-MS	105	.21.0000	.15.0000	126.0000	4.56	2.35				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