

Hemp Proficiency Testing

All Labs Trueness

HM20NOV-2



Sample: HM20NOV-2

All Labs Trueness

Issue Date: December 17, 2020

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
				Δ9-THC (%AR)								
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.0409	0.0474	0.0493	0.0459	-2.84	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	207	0.058	0.049	0.054	0.0537	-2.22	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.30	Other LC-MS	188	0.0623	0.067	0.059	0.0628	-1.5	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	141	0.0625	0.0664	0.0612	0.0634	-1.45	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.0663	0.0639	0.0688	0.0663	-1.21	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.0697	0.0611	0.0668	0.0659	-1.25	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.0668	0.0688	0.0643	0.0666	-1.19	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	193	0.07	0.07	0.06	0.0667	-1.19	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	125	0.0693	0.0686	0.0651	0.0677	-1.11	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.0721	0.0703	0.0654	0.0693	-0.98	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.0767	0.0715	0.0661	0.0714	-0.81	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	203	0.073	0.072		0.0725	-0.72	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.073	0.076	0.074	0.0743	-0.58	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.074	0.078	0.071	0.0743	-0.58	0.0816	55	0.0126	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.0758	0.0745	0.0745	0.0749	-0.53	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	132	0.081	0.077	0.068	0.0753	-0.5	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	108	0.0829	0.0657	0.0774	0.0753	-0.5	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.0773	0.0737	0.0739	0.075	-0.53	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	<0.0761	0.0753	<0.0746	0.0753					1
Δ9-THC (%AR)	001.10	Other LC-UV	186	0.0785	0.0712	0.0769	0.0755	-0.48	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.0723	0.0865	0.0726	0.0771	-0.36	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.0757	0.0782	0.0772	0.077	-0.36	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.30	Other LC-MS	120	0.0794	0.0752	0.0796	0.0781	-0.28	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	168	0.0797	0.0776	0.0773	0.0782	-0.27	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	198	0.0801	0.0791	0.0766	0.0786	-0.24	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.0797	0.0802	0.0787	0.0795	-0.16	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.079	0.086	0.0755	0.0802	-0.11	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	109	0.075	0.073	0.095	0.081	-0.05	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	202	0.0858	0.0797	0.08	0.0818	0.02	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.0781	0.0787	0.0895	0.0821	0.04	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.99	Other	137	0.0799	0.0848	0.0816	0.0821	0.04	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.087	0.081	0.081	0.083	0.11	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.0835	0.0832	0.0818	0.0828	0.1	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.082	0.091	0.079	0.084	0.19	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.0896	0.0832	0.0804	0.0844	0.22	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.0867	0.0815	0.0874	0.0852	0.29	0.0816	55	0.0126	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%AR)	001.10	Other LC-UV	178	0.086			0.086					1
Δ9-THC (%AR)	001.01	AOAC 2018.10	155	0.093	0.087	0.077	0.0857	0.32	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.097	0.073	0.092	0.0873	0.46	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.99	Other	132	0.09	0.08	0.09	0.0867	0.4	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	150	0.088	0.085	0.09	0.0877	0.48	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	165	0.0864	0.0814	0.0964	0.0881	0.51	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.0903	0.0805	0.0922	0.0877	0.48	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.094	0.09	0.089	0.091	0.75	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.091	0.091	0.091	0.091	0.75	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	123	0.088	0.095	<0.0890	0.0907	0.72	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.30	Other LC-MS	119	0.0951	0.0893	0.0937	0.0927	0.88	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.0962	0.0975	0.0944	0.096	1.15	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.0994	0.0943	0.0942	0.096	1.14	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.095	0.093	0.099	0.0957	1.12	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.0978	0.095	0.0969	0.0966	1.19	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.99	Other	172	0.1045	0.09	0.0989	0.0978	1.29	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.0983	0.0988	0.0966	0.0979	1.3	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1049	0.1063	0.098	0.103	1.71	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.106	0.109	0.11	0.108	2.13	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.60	NIR	187	0.1406	0.1437	0.15	0.145	5.02	0.0816	55	0.0126	0
Δ9-THC (%AR)	001.10	Other LC-UV	145	0.5	0.55	0.48	0.51	34.07	0.0816	55	0.0126	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
				Δ9-THCA (%AR)								
Δ9-THCA (%AR)	002.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0761	<0.0753	<0.0746	<0.0761					1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0800	<0.0800	<0.0800	<0.0800					1
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.028	0.0256	0.0252	0.0263	-2.09	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.99	Other	132	0.02	0.03	0.03	0.0267	-2.05	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	132	0.025	0.031	0.028	0.028	-1.94	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	141	0.0286	0.0281	0.0278	0.0282	-1.93	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0302	0.0304	0.0262	0.0289	-1.87	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.60	NIR	187	0.0371	0.038	0.0294	0.0348	-1.37	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.037	0.0304	0.039	0.0355	-1.32	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	207	0.037	0.037	0.039	0.0377	-1.13	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.0395	0.0405	0.0375	0.0392	-1.01	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	186	0.0422	0.0417	0.0419	0.0419	-0.78	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0436	0.0422	0.0444	0.0434	-0.65	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.046	0.038	0.048	0.044	-0.6	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	178	0.044			0.044					1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.045	0.045	0.046	0.0453	-0.49	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	198	0.0501	0.0434	0.0432	0.0456	-0.47	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	202	0.0437	0.0488	0.0451	0.0459	-0.45	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.0487	0.0475	0.0457	0.0473	-0.33	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	162	0.0512	0.047	0.0461	0.0481	-0.26	0.0512	51	0.012	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0508	0.0466	0.0483	0.0486	-0.22	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0523	0.0473	0.047	0.0489	-0.2	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.99	Other	137	0.0495	0.051	0.0474	0.0493	-0.16	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0501	0.0483	0.0488	0.0491	-0.18	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	203	0.049	0.048		0.0485	-0.23	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.048	0.051	0.047	0.0487	-0.21	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.30	Other LC-MS	120	0.0509	0.0514	0.0514	0.0512	0	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	155	0.055	0.059	0.043	0.0523	0.09	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0497	0.0523	0.0553	0.0524	0.1	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0518	0.0516	0.0523	0.0519	0.06	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.053	0.052	0.051	0.052	0.06	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0568	0.0574	0.0436	0.0526	0.11	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.052	0.055	0.053	0.0533	0.18	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0557	0.0509	0.0554	0.054	0.23	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0552	0.0538	0.0535	0.0542	0.25	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0562	0.0558	0.0506	0.0542	0.25	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.30	Other LC-MS	188	0.0534	0.0556	0.0526	0.0539	0.22	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.0561	0.0523	0.0552	0.0545	0.28	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.058	0.054	0.052	0.0547	0.29	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	150	0.065	0.05	0.053	0.056	0.4	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.30	Other LC-MS	119	0.0588	0.056	0.0563	0.057	0.49	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0587	0.052	0.0593	0.0567	0.45	0.0512	51	0.012	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.056	0.0625	0.0552	0.0579	0.56	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.99	Other	172	0.0576	0.0609	0.0565	0.0583	0.59	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	165	0.0666	0.0555	0.0607	0.0609	0.81	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	108	0.0638	0.063	0.0604	0.0624	0.93	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	109	0.062	0.067	0.061	0.0633	1.01	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	125	0.0647	0.063	0.0745	0.0674	1.35	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	168	0.0698	0.0726	0.0604	0.0676	1.37	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0651	0.0733	0.0689	0.0691	1.49	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.069	0.07	0.071	0.07	1.57	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0813	0.0714	0.0741	0.0756	2.04	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.083	0.084	0.084	0.0837	2.71	0.0512	51	0.012	0
Δ9-THCA (%AR)	002.10	Other LC-UV	123	<0.0880	<0.0910	0.106	0.095					1
Δ9-THCA (%AR)	002.10	Other LC-UV	145	0.54	0.55	0.57	0.553	42	0.0512	51	0.012	0

CBD (%AR)

CBD (%AR)	003.01	AOAC 2018.10	193	1	0.99	0.98	0.99	-3.1	1.4603	46	0.1519	0
CBD (%AR)	003.01	AOAC 2018.10	155	1.161	1.185	1.137	1.16	-1.97	1.4603	46	0.1519	0
CBD (%AR)	003.30	Other LC-MS	122	1.2105	1.2023	1.1765	1.2	-1.74	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	132	1.278	1.169	1.256	1.23	-1.49	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	141	1.2351	1.2315	1.3157	1.26	-1.31	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	202	1.2587	1.2275	1.3163	1.27	-1.27	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	207	1.29	1.282	1.315	1.3	-1.08	1.4603	46	0.1519	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	150	1.333	1.3	1.333	1.32	-0.91	1.4603	46	0.1519	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	1.2615	1.391	1.2935	1.32	-0.95	1.4603	46	0.1519	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	1.4727	1.3065	1.2758	1.35	-0.72	1.4603	46	0.1519	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	1.3583	1.3104	1.387	1.35	-0.71	1.4603	46	0.1519	0
CBD (%AR)	003.60	NIR	187	1.3781	1.3415	1.3983	1.37	-0.58	1.4603	46	0.1519	0
CBD (%AR)	003.99	Other	132	1.36	1.32	1.42	1.37	-0.62	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	200	1.3294	1.3601	1.4438	1.38	-0.54	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	203	1.391	1.377		1.38	-0.5	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	184	1.4857	1.4046	1.3148	1.4	-0.39	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	178	1.413			1.41					1
CBD (%AR)	003.10	Other LC-UV	186	1.4165	1.3982	1.4206	1.41	-0.32	1.4603	46	0.1519	0
CBD (%AR)	003.02	AOAC 2018.11, U	108	1.43	1.437	1.427	1.43	-0.19	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	149	1.353	1.558	1.377	1.43	-0.2	1.4603	46	0.1519	0
CBD (%AR)	003.30	Other LC-MS	149	1.395	1.452	1.497	1.45	-0.08	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	125	1.4781	1.4658	1.3941	1.45	-0.09	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	191	1.4331	1.4483	1.4591	1.45	-0.09	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	189	1.454	1.467	1.449	1.46	-0.02	1.4603	46	0.1519	0
CBD (%AR)	003.99	Other	137	1.44	1.51	1.44	1.46	0.02	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	113	1.4675	1.4556	1.4565	1.46	0	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	196	1.4836	1.4903	1.4515	1.48	0.1	1.4603	46	0.1519	0
CBD (%AR)	003.01	AOAC 2018.10	152	1.5493	1.472	1.4564	1.49	0.21	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	204	1.4918	1.4935	1.4937	1.49	0.22	1.4603	46	0.1519	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%AR)	003.10	Other LC-UV	197	1.537	1.446	1.547	1.51	0.33	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	142	1.5242	1.465	1.5697	1.52	0.39	1.4603	46	0.1519	0
CBD (%AR)	003.01	AOAC 2018.10	168	1.5444	1.472	1.5603	1.53	0.43	1.4603	46	0.1519	0
CBD (%AR)	003.30	Other LC-MS	164	1.5241	1.5673	1.5231	1.54	0.51	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	198	1.5899	1.5193	1.4981	1.54	0.5	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	172	1.611	1.567	1.503	1.56	0.66	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	144	1.5596	1.557	1.549	1.56	0.62	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	162	1.5754	1.5791	1.5869	1.58	0.79	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	192	1.7007	1.5378	1.5281	1.59	0.85	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	123	1.59	1.615	1.564	1.59	0.85	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	116	1.5826	1.597	1.6333	1.6	0.95	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	109	1.635	1.646	1.523	1.6	0.93	1.4603	46	0.1519	0
CBD (%AR)	003.30	Other LC-MS	188	1.6876	1.6555	1.5396	1.63	1.1	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	106	1.648	1.658	1.659	1.65	1.28	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	163	1.666	1.673	1.658	1.67	1.35	1.4603	46	0.1519	0
CBD (%AR)	003.30	Other LC-MS	119	1.7378	1.6243	1.7101	1.69	1.52	1.4603	46	0.1519	0
CBD (%AR)	003.99	Other	172	1.7902	1.7413	1.6702	1.73	1.8	1.4603	46	0.1519	0
CBD (%AR)	003.10	Other LC-UV	145	15.61	15.3	15.14	15.4	91.45	1.4603	46	0.1519	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	132	2.096	1.946	2.075	2.04	-2.93	3.2232	46	0.4047	0
CBDA (%AR)	004.99	Other	132	2.23	2.06	2.16	2.15	-2.65	3.2232	46	0.4047	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	142	2.3597	2.3571	2.4413	2.39	-2.07	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	150	2.667	2.633	2.667	2.66	-1.4	3.2232	46	0.4047	0
CBDA (%AR)	004.30	Other LC-MS	122	2.7282	2.6628	2.6506	2.68	-1.34	3.2232	46	0.4047	0
CBDA (%AR)	004.01	AOAC 2018.10	155	2.783	2.822	2.736	2.78	-1.09	3.2232	46	0.4047	0
CBDA (%AR)	004.30	Other LC-MS	149	2.46	2.915	3.06	2.81	-1.02	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	202	2.806	2.7212	2.9067	2.81	-1.02	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	207	2.738	2.756	2.922	2.81	-1.03	3.2232	46	0.4047	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.7637	2.7509	2.9115	2.81	-1.02	3.2232	46	0.4047	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	2.6445	3.032	2.8225	2.83	-0.96	3.2232	46	0.4047	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	3.1473	2.7214	2.7615	2.88	-0.86	3.2232	46	0.4047	0
CBDA (%AR)	004.02	AOAC 2018.11, U	108	3.042	2.904	2.845	2.93	-0.72	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	123	3.003	3.008	2.971	2.99	-0.57	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	198	3.3162	2.9941	2.9696	3.09	-0.32	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	189	3.139	3.145	3.128	3.14	-0.21	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	192	3.2288	3.1409	3.0685	3.15	-0.19	3.2232	46	0.4047	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	3.1935	3.1362	3.1553	3.16	-0.15	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	141	3.2458	3.2937	3.0362	3.19	-0.08	3.2232	46	0.4047	0
CBDA (%AR)	004.30	Other LC-MS	119	3.35	3.1169	3.1252	3.2	-0.06	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	125	3.387	3.1706	3.0653	3.21	-0.04	3.2232	46	0.4047	0
CBDA (%AR)	004.01	AOAC 2018.10	193	3.2	3.27	3.2	3.22	0	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	178	3.226			3.23					1
CBDA (%AR)	004.10	Other LC-UV	116	3.207	3.2175	3.3296	3.25	0.07	3.2232	46	0.4047	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	149	3.09	3.576	3.142	3.27	0.11	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	186	3.3024	3.2907	3.3313	3.31	0.21	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	144	3.1197	3.2427	3.5965	3.32	0.24	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	196	3.359	3.378	3.296	3.34	0.3	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	204	3.3638	3.3478	3.3581	3.36	0.33	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	200	3.3313	3.3714	3.3971	3.37	0.35	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	184	3.3473	3.3333	3.473	3.38	0.4	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	106	3.389	3.412	3.409	3.4	0.45	3.2232	46	0.4047	0
CBDA (%AR)	004.01	AOAC 2018.10	168	3.4733	3.3339	3.3986	3.4	0.44	3.2232	46	0.4047	0
CBDA (%AR)	004.30	Other LC-MS	188	3.3956	3.475	3.4025	3.42	0.5	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	203	3.476	3.388		3.43	0.52	3.2232	46	0.4047	0
CBDA (%AR)	004.99	Other	137	3.43	3.6	3.36	3.46	0.59	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	162	3.4483	3.4095	3.5939	3.48	0.64	3.2232	46	0.4047	0
CBDA (%AR)	004.60	NIR	187	3.5625	3.5741	3.3894	3.51	0.71	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	197	3.392	3.64	3.553	3.53	0.75	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	172	3.717	3.577	3.393	3.56	0.84	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	191	3.4969	3.5627	3.6348	3.56	0.84	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	163	3.707	3.699	3.702	3.7	1.18	3.2232	46	0.4047	0
CBDA (%AR)	004.30	Other LC-MS	164	3.7497	3.7327	3.6256	3.7	1.18	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	194	3.693	3.746	3.971	3.8	1.43	3.2232	46	0.4047	0
CBDA (%AR)	004.99	Other	172	4.1305	3.9749	3.7704	3.96	1.82	3.2232	46	0.4047	0
CBDA (%AR)	004.10	Other LC-UV	109	4.237	4.299	3.927	4.15	2.3	3.2232	46	0.4047	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%AR)	004.10	Other LC-UV	145	36.12	36.63	37.04	36.6	82.47	3.2232	46	0.4047	0
CBN (%AR)												
CBN (%AR)	005.02	AOAC 2018.11, U	108	<0.0030	<0.0030	<0.0030	<0.0030					1
CBN (%AR)	005.01	AOAC 2018.10	168	<0.0250	<0.0250	<0.0250	<0.0250					1
CBN (%AR)	005.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBN (%AR)	005.99	Other	137	<0.0298	<0.0297	<0.0298	<0.0298					1
CBN (%AR)	005.10	Other LC-UV	132	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.20	Other LC-MS	188	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.10	Other LC-UV	197	<0.0761	<0.0753	<0.0746	<0.0761					1
CBN (%AR)	005.10	Other LC-UV	123	<0.0880	<0.0910	<0.0890	<0.0880					1
CBN (%AR)	005.10	Other LC-UV	145	<0.2500	<0.2500	<0.2500	<0.2500					1
CBN (%AR)	005.10	Other LC-UV	141	0.0143	0.0164	0.0149	0.0152	-1.98	0.0241	28	0.0045	0
CBN (%AR)	005.99	Other	132	0.02	0.02	0.02	0.02	-0.91	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	106	0.018	0.018	0.024	0.02	-0.91	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	144	0.0193	0.0198	0.0211	0.0201	-0.9	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	162	0.0192	0.0201	0.02	0.0198	-0.96	0.0241	28	0.0045	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.018	0.021	0.02	0.0197	-0.99	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	192	0.0206	0.0199	0.0184	0.0196	-0.99	0.0241	28	0.0045	0
CBN (%AR)	005.20	Other LC-MS	149	0.023	0.022	0.019	0.0213	-0.61	0.0241	28	0.0045	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0227	0.0191	0.0212	0.021	-0.69	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	207	0.021	0.021	0.023	0.0217	-0.54	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	202	0.0207	0.0221	0.0234	0.0221	-0.45	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	186	0.0224	0.0229	0.024	0.0231	-0.22	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	142	0.0233	0.0237	0.0232	0.0234	-0.15	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	203	0.022	0.023		0.0225	-0.35	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	196	0.0244	0.0252	0.0238	0.0245	0.09	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	204	0.024	0.0241	0.0239	0.024	-0.02	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	149	0.024	0.026	0.023	0.0243	0.06	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	178	0.024			0.024					1
CBN (%AR)	005.10	Other LC-UV	200	0.0244	0.0257	0.0252	0.0251	0.23	0.0241	28	0.0045	0
CBN (%AR)	005.20	Other LC-MS	122	0.0258	0.025	0.0249	0.0252	0.26	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	189	0.026	0.025	0.027	0.026	0.43	0.0241	28	0.0045	0
CBN (%AR)	005.30	GC-FID	185	0.0173	0.0238	0.0412	0.0274	0.75	0.0241	28	0.0045	0
CBN (%AR)	005.01	AOAC 2018.10	155	0.026	0.03	0.024	0.0267	0.58	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	125	0.0271	0.0287	0.0287	0.0282	0.91	0.0241	28	0.0045	0
CBN (%AR)	005.20	Other LC-MS	119	0.0284	0.0276	0.0283	0.0281	0.9	0.0241	28	0.0045	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0335	0.0403	0.0343	0.036	2.67	0.0241	28	0.0045	0
CBN (%AR)	005.30	GC-FID	116	0.0414	<0.0400	<0.0400	0.0405					1
CBN (%AR)	005.10	Other LC-UV	116	<0.0400	<0.0400	0.0416	0.0405					1
CBN (%AR)	005.30	GC-FID	138	0.0425	0.047	0.0413	0.0436	4.36	0.0241	28	0.0045	0
CBN (%AR)	005.10	Other LC-UV	198	0.0502	0.0469	0.0464	0.0478	5.31	0.0241	28	0.0045	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBN (%AR)	005.30	GC-FID	163	0.046	0.048	0.051	0.0483	5.42	0.0241	28	0.0045	0
Total Δ9-THC (%AR)												
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	<0.0761	0.0753	<0.0746	0.0753					1
Total Δ9-THC (%AR)	006.10	Other LC-UV	207	0.09	0.081	0.088	0.0863	-1.86	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	141	0.0875	0.0911	0.0856	0.0881	-1.79	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	123	0.088	0.095	0.093	0.092	-1.62	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.0927	0.0946	0.1028	0.0967	-1.42	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.1032	0.0982	0.0891	0.0968	-1.42	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.0992	0.0955	0.0985	0.0977	-1.38	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	132	0.103	0.105	0.092	0.1	-1.28	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.0867	0.104	0.1095	0.1	-1.28	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.1137	0.1035	0.1096	0.109	-0.91	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	188	0.1091	0.1158	0.1051	0.11	-0.86	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1122	0.1101	0.1143	0.112	-0.77	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	186	0.1155	0.1077	0.1136	0.112	-0.77	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.99	Other	132	0.11	0.11	0.12	0.113	-0.72	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.1048	0.1261	0.1116	0.114	-0.69	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.1155	0.1098	0.1172	0.114	-0.69	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	203	0.12	0.11		0.115	-0.65	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1136	0.1215	0.1084	0.115	-0.67	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	198	0.1241	0.1171	0.1145	0.119	-0.5	0.1304	61	0.0237	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.1203	0.1191	0.1196	0.12	-0.45	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.12	0.126	0.117	0.121	-0.4	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.1225	0.1218	0.1188	0.121	-0.4	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	202	0.1241	0.1225	0.1196	0.122	-0.35	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.1257	0.1209	0.1209	0.123	-0.33	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	120	0.124	0.1202	0.1247	0.123	-0.31	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.138	0.115	0.12	0.124	-0.26	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	178	0.125			0.125					1
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.138	0.106	0.134	0.126	-0.19	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.124	0.136	0.121	0.127	-0.14	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	125	0.126	0.1239	0.1304	0.127	-0.15	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.1316	0.1301	0.1221	0.128	-0.1	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.1217	0.1246	0.138	0.128	-0.1	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1214	0.1413	0.121	0.128	-0.11	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	108	0.1389	0.121	0.1303	0.13	-0.01	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.1394	0.1335	0.1186	0.131	0	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	155	0.142	0.139	0.115	0.132	0.07	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.13	0.13	0.14	0.133	0.12	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1378	0.1403	0.1264	0.135	0.19	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	109	0.129	0.131	0.148	0.136	0.24	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	150	0.144	0.129	0.137	0.137	0.26	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	168	0.1409	0.1413	0.1303	0.138	0.3	0.1304	61	0.0237	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1421	0.139	0.1362	0.139	0.37	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.1449	0.1374	0.1346	0.139	0.36	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.1431	0.14	0.1369	0.14	0.41	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	165	0.1448	0.1301	0.1496	0.141	0.47	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1374	0.1364	0.1492	0.141	0.45	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	112	0.14	0.15	0.14	0.143	0.55	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	119	0.1467	0.1384	0.1431	0.143	0.52	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.1406	0.1475	0.1422	0.143	0.55	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.1482	0.1389	0.1427	0.143	0.54	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.1492	0.1406	0.1489	0.146	0.67	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.99	Other	172	0.155	0.1434	0.1485	0.149	0.78	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1542	0.1552	0.1424	0.151	0.85	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.1451	0.1695	0.1521	0.156	1.06	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	185	0.1445	0.1873	0.1402	0.157	1.14	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.165	0.164	0.164	0.164	1.43	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.1719	0.1774	0.1756	0.175	1.88	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.184	0.183	0.185	0.184	2.26	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2151	0.1754	0.1612	0.184	2.26	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.228	0.212	0.2156	0.219	3.72	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3175	0.3054	0.3259	0.316	7.85	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.49	0.415	0.46	0.455	13.71	0.1304	61	0.0237	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	145	0.97	1.03	0.98	0.993	36.46	0.1304	61	0.0237	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Total CBD (%AR)									
Total CBD (%AR)	007.10	Other LC-UV	132	3.118	2.88	3.078	3.03	-2.41	4.3651	49	0.5552	0
Total CBD (%AR)	007.99	Other	132	3.32	3.13	3.32	3.26	-2	4.3651	49	0.5552	0
Total CBD (%AR)	007.30	Other LC-MS	122	3.6031	3.5376	3.5011	3.55	-1.47	4.3651	49	0.5552	0
Total CBD (%AR)	007.01	AOAC 2018.10	155	3.601	3.659	3.537	3.6	-1.38	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	142	3.5937	3.5322	3.7107	3.61	-1.36	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	150	3.672	3.609	3.672	3.65	-1.29	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	202	3.7196	3.614	3.8655	3.73	-1.14	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	207	3.691	3.699	3.878	3.76	-1.1	4.3651	49	0.5552	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	3.5807	4.0501	3.7688	3.8	-1.02	4.3651	49	0.5552	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	3.782	3.7229	3.9404	3.82	-0.99	4.3651	49	0.5552	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	4.2329	3.6932	3.6976	3.87	-0.88	4.3651	49	0.5552	0
Total CBD (%AR)	007.30	Other LC-MS	149	3.552	4.009	4.181	3.91	-0.81	4.3651	49	0.5552	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	108	4.097	3.984	3.922	4	-0.66	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	141	4.0817	4.12	3.9784	4.06	-0.55	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	189	4.207	4.225	4.192	4.21	-0.28	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	123	4.224	4.253	4.17	4.22	-0.27	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	178	4.249			4.25					1
Total CBD (%AR)	007.10	Other LC-UV	125	4.4485	4.2464	4.0823	4.26	-0.19	4.3651	49	0.5552	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	4.3499	4.2225	4.2236	4.27	-0.18	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	149	4.062	4.695	4.133	4.3	-0.12	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	186	4.3127	4.2842	4.3422	4.31	-0.09	4.3651	49	0.5552	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.40	GC-FID	169	4.9239	4.1514	3.9288	4.33	-0.05	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	200	4.2509	4.3168	4.4231	4.33	-0.06	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	198	4.4982	4.4152	4.1025	4.34	-0.05	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	192	4.5323	4.2923	4.2191	4.35	-0.03	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	203	4.44	4.35		4.39	0.05	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	196	4.4294	4.4528	4.3421	4.41	0.08	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	204	4.4419	4.4295	4.4388	4.44	0.13	4.3651	49	0.5552	0
Total CBD (%AR)	007.60	NIR	187	4.5025	4.4756	4.3722	4.45	0.15	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	116	4.3952	4.4187	4.5534	4.46	0.16	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	144	4.2962	4.4015	4.7038	4.47	0.18	4.3651	49	0.5552	0
Total CBD (%AR)	007.30	Other LC-MS	119	4.6758	4.3579	4.4509	4.49	0.23	4.3651	49	0.5552	0
Total CBD (%AR)	007.01	AOAC 2018.10	168	4.5905	4.3958	4.5409	4.51	0.26	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	191	4.4999	4.5727	4.6453	4.57	0.37	4.3651	49	0.5552	0
Total CBD (%AR)	007.40	GC-FID	163	4.549	4.614	4.597	4.59	0.4	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	197	4.511	4.639	4.663	4.6	0.43	4.3651	49	0.5552	0
Total CBD (%AR)	007.30	Other LC-MS	188	4.6664	4.7032	4.5241	4.63	0.48	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	162	4.5995	4.5692	4.7388	4.64	0.49	4.3651	49	0.5552	0
Total CBD (%AR)	007.40	GC-FID	116	4.775	4.6037	4.5611	4.65	0.51	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	172	4.8708	4.704	4.4787	4.68	0.58	4.3651	49	0.5552	0
Total CBD (%AR)	007.30	Other LC-MS	164	4.8126	4.8409	4.7028	4.79	0.76	4.3651	49	0.5552	0
Total CBD (%AR)	007.40	GC-FID	170	4.9267	4.7445	4.7446	4.81	0.79	4.3651	49	0.5552	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.4187	4.816	4.3956	4.88	0.92	4.3651	49	0.5552	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.10	Other LC-UV	194	4.8116	4.8553	5.0906	4.92	1	4.3651	49	0.5552	0
Total CBD (%AR)	007.99	Other	172	5.4126	5.2273	4.9768	5.21	1.51	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	109	5.351	5.416	4.967	5.24	1.58	4.3651	49	0.5552	0
Total CBD (%AR)	007.40	GC-FID	138	5.5518	6.5945	5.4367	5.86	2.69	4.3651	49	0.5552	0
Total CBD (%AR)	007.60	NIR	138	5.975	6.1	6.01	6.03	3	4.3651	49	0.5552	0
Total CBD (%AR)	007.40	GC-FID	185	7.2736	7.4277	7.7077	7.47	5.59	4.3651	49	0.5552	0
Total CBD (%AR)	007.10	Other LC-UV	145	47.29	47.43	47.62	47.4	77.59	4.3651	49	0.5552	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	202	<0.0003	<0.0003	<0.0003	<0.0003					1
CBDV (%AR)	008.99	Other	203	<0.0040	<0.0040		<0.0040					1
CBDV (%AR)	008.02	AOAC 2018.11, U	108	<0.0050	<0.0050	<0.0050	<0.0050					1
CBDV (%AR)	008.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%AR)	008.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%AR)	008.99	Other	207	<0.0130	<0.0130	<0.0130	<0.0130					1
CBDV (%AR)	008.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1
CBDV (%AR)	008.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBDV (%AR)	008.99	Other	193	<0.0500	<0.0500	<0.0500	<0.0500					1
CBDV (%AR)	008.99	Other	132	<0.0500	<0.0500	<0.0500	<0.0500					1
CBDV (%AR)	008.99	Other	188	<0.0500	<0.0500	<0.0500	<0.0500					1
CBDV (%AR)	008.99	Other	197	<0.0761	<0.0753	<0.0746	<0.0761					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDV (%AR)	008.99	Other	200	0.0029	0.003	0.0036	0.0032	-1.03	0.0369	7	0.0327	0
CBDV (%AR)	008.99	Other	149	0.013	0.012	0.011	0.012	-0.76	0.0369	7	0.0327	0
CBDV (%AR)	008.99	Other	142	0.021	0.025	0.026	0.024	-0.39	0.0369	7	0.0327	0
CBDV (%AR)	008.99	Other	155	0.031	0.031	0.026	0.0293	-0.23	0.0369	7	0.0327	0
CBDV (%AR)	008.99	Other	106	0.04	0.048	0.041	0.043	0.19	0.0369	7	0.0327	0
CBDV (%AR)	008.02	AOAC 2018.11, U	132	0.074	0.058	<0.0500	0.0607	0.73	0.0369	7	0.0327	0
CBDV (%AR)	008.99	Other	189	0.163	0.162	0.16	0.162	3.82	0.0369	7	0.0327	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	203	<0.0100	<0.0110		<0.0100					1
CBDVA (%AR)	009.99	Other	186	0.0189	0.0201	0.0266	0.0219	-0.93	0.0444	6	0.0241	0
CBDVA (%AR)	009.99	Other	149	0.035	0.033	0.029	0.0323	-0.5	0.0444	6	0.0241	0
CBDVA (%AR)	009.01	AOAC 2018.10	155	0.036	0.036	0.034	0.0353	-0.38	0.0444	6	0.0241	0
CBDVA (%AR)	009.99	Other	196	0.0385	0.0392	0.0375	0.0384	-0.25	0.0444	6	0.0241	0
CBDVA (%AR)	009.02	AOAC 2018.11, U	108	0.0569	0.0584	0.0585	0.0579	0.56	0.0444	6	0.0241	0
CBDVA (%AR)	009.01	AOAC 2018.10	168	0.0881	0.069	0.0853	0.0808	1.51	0.0444	6	0.0241	0

CBG (%AR)

CBG (%AR)	010.99	Other	106	<0.0000	<0.0000	<0.0000	<0.0000					1
CBG (%AR)	010.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1
CBG (%AR)	010.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBG (%AR)	010.99	Other	109	<0.0500	<0.0500	<0.0500	<0.0500					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%AR)	010.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500	<0.0500					1
CBG (%AR)	010.99	Other	188	<0.0500	<0.0500	<0.0500	<0.0500					1
CBG (%AR)	010.99	Other	197	<0.0761	<0.0753	<0.0746	<0.0761					1
CBG (%AR)	010.99	Other	123	<0.0880	<0.0910	<0.0890	<0.0880					1
CBG (%AR)	010.99	Other	178	0.013			0.013					1
CBG (%AR)	010.99	Other	162	<0.0100	0.0331	0.0207	0.0213	-0.93	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	142	0.0325	0.0155	0.0168	0.0216	-0.9	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	196	0.0223	0.0215	0.0233	0.0224	-0.85	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	149	0.024	0.026	0.022	0.024	-0.73	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	202	0.023	0.0233	0.0244	0.0236	-0.76	0.0342	19	0.0139	0
CBG (%AR)	010.01	AOAC 2018.10	155	<0.0227	<0.0227	0.026	0.0238					1
CBG (%AR)	010.99	Other	189	0.019	0.026	0.026	0.0237	-0.75	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	203	0.026	0.024		0.025	-0.66	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	122	0.0265	0.0256	0.0256	0.0259	-0.59	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	200	0.0253	0.0292	0.0311	0.0285	-0.4	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	119	0.0311	0.0301	0.0308	0.0307	-0.25	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	141	0.0301	0.0375	0.0272	0.0316	-0.18	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	207	0.033	0.026	0.043	0.034	-0.01	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	204	0.0349	0.0333	0.0361	0.0348	0.04	0.0342	19	0.0139	0
CBG (%AR)	010.01	AOAC 2018.10	168	0.051	0.0281	0.0466	0.0419	0.56	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	132	<0.0500	0.04	0.05	0.0467	0.9	0.0342	19	0.0139	0
CBG (%AR)	010.02	AOAC 2018.11, U	108	0.049	0.049	0.0468	0.0483	1.01	0.0342	19	0.0139	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBG (%AR)	010.02	AOAC 2018.11, U	152	0.1104	0.1092	0.1164	0.112	5.59	0.0342	19	0.0139	0
CBG (%AR)	010.99	Other	125	0.1402	0.134	0.1362	0.137	7.37	0.0342	19	0.0139	0
CBG (%AR)	010.02	AOAC 2018.11, U	132	0.229	0.217	0.224	0.223	13.58	0.0342	19	0.0139	0

CBGA (%AR)

CBGA (%AR)	011.02	AOAC 2018.11, U	108	<0.0008	<0.0008	<0.0008	<0.0008					1
CBGA (%AR)	011.99	Other	203	<0.0100	<0.0110		<0.0100					1
CBGA (%AR)	011.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
CBGA (%AR)	011.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500	<0.0500					1
CBGA (%AR)	011.99	Other	197	<0.0761	<0.0753	<0.0746	<0.0761					1
CBGA (%AR)	011.99	Other	194	<0.0800	<0.0800	<0.0800	<0.0800					1
CBGA (%AR)	011.99	Other	123	<0.0880	<0.0910	<0.0890	<0.0880					1
CBGA (%AR)	011.99	Other	149	0.026	0.027	0.026	0.0263	-1.56	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	106	0.032	0.033	0.032	0.0323	-1.01	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	207	0.027	0.034	0.036	0.0323	-1.01	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	141	0.0307	0.0361	0.0329	0.0332	-0.93	0.0434	19	0.011	0
CBGA (%AR)	011.02	AOAC 2018.11, U	132	0.035	0.031	0.034	0.0333	-0.92	0.0434	19	0.011	0
CBGA (%AR)	011.02	AOAC 2018.11, U	152	0.0349	0.0347	0.0324	0.034	-0.86	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	122	0.0379	0.038	0.0376	0.0378	-0.51	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	178	0.038			0.038					1
CBGA (%AR)	011.01	AOAC 2018.10	155	0.041	0.043	0.035	0.0397	-0.34	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	196	0.0423	0.042	0.0412	0.0418	-0.14	0.0434	19	0.011	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%AR)	011.99	Other	162	0.0471	0.0424	0.0403	0.0433	-0.01	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	202	0.0387	0.0454	0.0454	0.0432	-0.02	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	142	0.052	0.0473	0.0503	0.0499	0.59	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	186	0.054	0.0521	0.048	0.0514	0.73	0.0434	19	0.011	0
CBGA (%AR)	011.01	AOAC 2018.10	168	0.0536	0.0497	0.0533	0.0522	0.8	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	125	0.0528	0.0536	0.0536	0.0533	0.91	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	132	0.04	<0.0500	0.07	0.0533	0.91	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	188	0.0575	0.056	0.0506	0.0547	1.03	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	204	0.056	0.0545	0.0544	0.055	1.05	0.0434	19	0.011	0
CBGA (%AR)	011.99	Other	189	0.055	0.059	0.057	0.057	1.24	0.0434	19	0.011	0

THCV (%AR)

THCV (%AR)	012.99	Other	106	<0.0000	<0.0000	<0.0000	<0.0000					1
THCV (%AR)	012.99	Other	203	<0.0020	<0.0020		<0.0020					1
THCV (%AR)	012.02	AOAC 2018.11, U	108	<0.0051	<0.0051	<0.0051	<0.0051					1
THCV (%AR)	012.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	168	<0.0250	<0.0250	<0.0250	<0.0250					1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
THCV (%AR)	012.99	Other	188	<0.0500	<0.0500	<0.0500	<0.0500					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
THCV (%AR)	012.99	Other	132	<0.0500	<0.0500	<0.0500	<0.0500					1
THCV (%AR)	012.99	Other	197	<0.0761	<0.0753	<0.0746	<0.0761					1
THCV (%AR)	012.99	Other	123	<0.0880	<0.0910	<0.0890	<0.0880					1
THCV (%AR)	012.99	Other	202	<0.0003	<0.0003	0.0026	0.0011					1
THCV (%AR)	012.99	Other	149	0.007	0.007	0.005	0.0063					0
THCV (%AR)	012.99	Other	200	0.0105	0.0049	0.0043	0.0066					0
THCV (%AR)	012.99	Other	119	0.0104	0.0097	0.0104	0.0102					0
THCV (%AR)	012.02	AOAC 2018.11, U	132	0.04	0.04	<0.0500	0.0433					0
THCV (%AR)	012.99	Other	189	0.075	0.083	0.081	0.0797					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	106	<0.0000	<0.0000	<0.0000	<0.0000					1
Δ8-THC (%AR)	013.99	Other	202	<0.0001	<0.0001	<0.0001	<0.0001					1
Δ8-THC (%AR)	013.99	Other	203	<0.0020	<0.0020		<0.0020					1
Δ8-THC (%AR)	013.99	Other	200	<0.0025	<0.0025	<0.0025	<0.0025					1
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	108	<0.0045	<0.0045	<0.0045	<0.0045					1
Δ8-THC (%AR)	013.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	141	<0.0120	<0.0120	<0.0120	<0.0120					1
Δ8-THC (%AR)	013.99	Other	207	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ8-THC (%AR)	013.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	149	<0.0240	<0.0240	<0.0220	<0.0240					1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ8-THC (%AR)	013.99	Other	188	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ8-THC (%AR)	013.01	AOAC 2018.10	193	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ8-THC (%AR)	013.99	Other	197	<0.0761	<0.0753	<0.0746	<0.0761					1
Δ8-THC (%AR)	013.99	Other	123	<0.0880	<0.0910	<0.0890	<0.0880					1
Δ8-THC (%AR)	013.99	Other	189	0.013	0.012	0.012	0.0123					0

CBC (%AR)

CBC (%AR)	014.99	Other	202	0.0669	0.1103	0.055	0.0774	-3.72	0.1175	23	0.0108	0
CBC (%AR)	014.02	AOAC 2018.11, U	132	0.119	0.101	0.098	0.106	-1.07	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	186	0.1068	0.1072	0.1072	0.107	-0.97	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	197	0.104	0.111	0.105	0.107	-1.01	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	207	0.109	0.105	0.112	0.109	-0.82	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	203	0.111	0.108		0.109	-0.74	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	200	0.1124	0.1123	0.1081	0.111	-0.61	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	149	0.11	0.118	0.108	0.112	-0.51	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	132	0.1	0.11	0.13	0.113	-0.39	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	125	0.1124	0.1139	0.1115	0.113	-0.46	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	142	0.1188	0.1088	0.114	0.114	-0.34	0.1175	23	0.0108	0
CBC (%AR)	014.01	AOAC 2018.10	155	0.119	0.129	0.097	0.115	-0.23	0.1175	23	0.0108	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%AR)	014.01	AOAC 2018.10	168	0.116	0.1159	0.1152	0.116	-0.17	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	204	0.1191	0.1198	0.1193	0.119	0.18	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	106	0.123	0.122	0.123	0.123	0.48	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	123	0.13	0.122	0.122	0.125	0.66	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	196	0.1279	0.125	0.1233	0.125	0.73	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	162	0.1259	0.1316	0.1191	0.126	0.75	0.1175	23	0.0108	0
CBC (%AR)	014.02	AOAC 2018.11, U	108	0.1196	0.1341	0.1261	0.127	0.84	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	188	0.1273	0.1337	0.125	0.129	1.04	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	189	0.13	0.13	0.129	0.13	1.13	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	109	0.138	0.14	0.13	0.136	1.72	0.1175	23	0.0108	0
CBC (%AR)	014.99	Other	119	0.1555	0.1493	0.1533	0.153	3.27	0.1175	23	0.0108	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	201	0.002	0.002	0.001	0.0017	-6.18	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	183	0.1225	0.128	0.1575	0.136	-1.35	0.1737	13	0.0278	0
Cd (ug/g AR)	101.03	ICP-OES	132	0.152	0.14	0.156	0.149	-0.87	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	162	0.1605	0.161	0.1699	0.164	-0.35	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	145	0.181	0.168	0.161	0.17	-0.13	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.167	0.169	0.174	0.17	-0.13	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.164	0.181	0.174	0.173	-0.02	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	137	0.17	0.187	0.179	0.179	0.18	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	122	0.1811	0.1818	0.1811	0.181	0.28	0.1737	13	0.0278	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Cd (ug/g AR)	101.04	ICP-MS	194	0.1876	0.1869	0.1834	0.186	0.44	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.2046	0.2011	0.2049	0.204	1.07	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	141	0.179	0.222	0.217	0.206	1.16	0.1737	13	0.0278	0
Cd (ug/g AR)	101.04	ICP-MS	168	0.194	0.216	0.214	0.208	1.23	0.1737	13	0.0278	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	201	0.011	0.009	0.011	0.0103	-6.61	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	183	0.528	0.538	0.634	0.567	-0.79	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	168	0.54	0.604	0.61	0.585	-0.6	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	145	0.629	0.584	0.552	0.588	-0.56	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	142	0.556	0.604	0.612	0.591	-0.54	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	162	0.6063	0.5931	0.707	0.635	-0.07	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	197	0.6545	0.5979	0.665	0.639	-0.03	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	137	0.661	0.699	0.601	0.654	0.12	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	122	0.6736	0.6734	0.6739	0.674	0.33	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	194	0.7038	0.7531	0.7457	0.734	0.96	0.6422	12	0.0956	0
As (ug/g AR)	102.04	ICP-MS	141	0.803	0.723	0.741	0.756	1.19	0.6422	12	0.0956	0
As (ug/g AR)	102.03	ICP-OES	132	0.8			0.8					1
As (ug/g AR)	102.04	ICP-MS	196	1.14	1.14	1.16	1.15	5.27	0.6422	12	0.0956	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	142	<0.0005	<0.0005	<0.0005	<0.0005					1
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Hg (ug/g AR)	103.04	ICP-MS	168	<0.0130	<0.0130	<0.0140	<0.0130					1
Hg (ug/g AR)	103.04	ICP-MS	141	<0.0139	<0.0139	<0.0139	<0.0139					1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200	<0.0200					1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0990	<0.0990	<0.0958	<0.0990					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.1000	<0.1000	<0.1000	<0.1000					1
Hg (ug/g AR)	103.04	ICP-MS	122	0.0054	0.005	0.0055	0.0053					0
Hg (ug/g AR)	103.04	ICP-MS	137	0.01	0.0105	0.0113	0.0106					0
Hg (ug/g AR)	103.04	ICP-MS	145	0.013	0.012	0.011	0.012					0
Hg (ug/g AR)	103.04	ICP-MS	196	0.0133	0.0139	0.0154	0.0142					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	201	0.016	0.017	0.017	0.0167	-5.46	1.7685	13	0.3206	0
Pb (ug/g AR)	104.03	ICP-OES	132	1.6	1.2	1.2	1.33	-1.36	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	197	1.6846	1.5391	1.6215	1.62	-0.48	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	194	1.6034	1.6949	1.6043	1.63	-0.42	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	142	1.488	1.813	1.613	1.64	-0.41	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	145	1.741	1.663	1.562	1.66	-0.35	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	196	1.84	1.74	1.81	1.8	0.09	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	168	1.83	1.78	1.93	1.85	0.24	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	162	1.7725	1.8222	2.0493	1.88	0.35	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	137	1.79	2.01	1.9	1.9	0.41	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	183	1.89	2.205	1.91	2	0.73	1.7685	13	0.3206	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Pb (ug/g AR)	104.04	ICP-MS	141	2.22	2.11	2.15	2.16	1.22	1.7685	13	0.3206	0
Pb (ug/g AR)	104.04	ICP-MS	122	2.2405	2.2404	2.2401	2.24	1.47	1.7685	13	0.3206	0
Cu (ug/g AR)												
Cu (ug/g AR)	105.03	ICP-OES	132	10	10.4	10.4	10.3					0
Cu (ug/g AR)	105.04	ICP-MS	196	11	10.9	10.6	10.8					0
Cu (ug/g AR)	105.04	ICP-MS	142	7.653	12.899	12.607	11.1					0
Ni (ug/g AR)												
Ni (ug/g AR)	106.03	ICP-OES	132	2	2	2	2					0
Ni (ug/g AR)	106.04	ICP-MS	142	7.02	7.769	6.893	7.23					0
Ni (ug/g AR)	106.04	ICP-MS	196	7.66	7.34	7.54	7.51					0
Ni (ug/g AR)	106.04	ICP-MS	141	8.59	8.32	8.36	8.42					0
Cr (ug/g AR)												
Cr (ug/g AR)	107.03	ICP-OES	132	2	2	2.4	2.13					0
Cr (ug/g AR)	107.04	ICP-MS	142	4.362	4.311	6.976	5.22					0
Cr (ug/g AR)	107.04	ICP-MS	196	15.9	15	15	15.3					0
Cr (ug/g AR)	107.04	ICP-MS	141	17.8	17.4	17.3	17.5					0
Cr (ug/g AR)	107.04	ICP-MS	197	18.9829	18.0105	19.1447	18.7					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
				Se (ug/g AR)								
Se (ug/g AR)	108.04	ICP-MS	142	0.191	0.215	0.213	0.206					0
Se (ug/g AR)	108.04	ICP-MS	197	0.2597	0.2535	0.2462	0.253					0
Se (ug/g AR)	108.04	ICP-MS	141	0.509	0.397	0.426	0.444					0
Se (ug/g AR)	108.03	ICP-OES	132	0.8		0.8	0.8					0
Se (ug/g AR)	108.04	ICP-MS	196	20.1	22.5	22.3	21.6					0
				Ag (ug/g AR)								
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0005	<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	46					0
				Zn (ug/g AR)								
Zn (ug/g AR)	111.03	ICP-OES	132	48.8	48.8	52.8	50.1					0
Zn (ug/g AR)	111.04	ICP-MS	142	62.049	53.206	53.839	56.4					0
Zn (ug/g AR)	111.04	ICP-MS	141	69.4	70.4	71.9	70.6					0
Zn (ug/g AR)	111.04	ICP-MS	196	82.4	78.6	81.6	80.9					0
				Sb (ug/g AR)								
Sb (ug/g AR)	112.04	ICP-MS	196	0.0382	0.0442	0.0403	0.0409					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
				Moisture (%AR)								
Moisture (%AR)	500.99	Other	103	0.9637	0.93	0.9321	0.942	-3.86	7.3771	23	1.6662	0
Moisture (%AR)	500.99	Other	201	4	3	5	4	-2.03	7.3771	23	1.6662	0
Moisture (%AR)	500.99	Other	207	5.44	5.19	5.18	5.27	-1.26	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	198	6.11	6.25	5.73	6.03	-0.81	7.3771	23	1.6662	0
Moisture (%AR)	500.72	NIR	187	6.3938	6.2741	6.0444	6.24	-0.68	7.3771	23	1.6662	0
Moisture (%AR)	500.99	Other	142	6.25	6.25	6.25	6.25	-0.68	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	109	7.47	6.63	5.17	6.42	-0.57	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	186	6.42	6.92	6.54	6.63	-0.45	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.84	6.97	6.92	6.91	-0.28	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	204	7.03	7.03	7.03	7.03	-0.21	7.3771	23	1.6662	0
Moisture (%AR)	500.99	Other	120	7.1029	7.4943	7.2006	7.27	-0.07	7.3771	23	1.6662	0
Moisture (%AR)	500.99	Other	132	6.9	7.69	7.63	7.41	0.02	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	119	7.56	7.47	7.48	7.5	0.08	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	182	7.8	7.87	7.595	7.76	0.23	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	196	7.68	7.53	8.33	7.85	0.28	7.3771	23	1.6662	0
Moisture (%AR)	500.99	Other	102	7.9	7.8	8	7.9	0.31	7.3771	23	1.6662	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.98	8.28	7.97	8.08	0.42	7.3771	23	1.6662	0
Moisture (%AR)	500.72	NIR	138	8	8.25	8.15	8.13	0.45	7.3771	23	1.6662	0
Moisture (%AR)	500.99	Other	165	8.684	8.5234	8.679	8.63	0.75	7.3771	23	1.6662	0
Moisture (%AR)	500.50	AOAC 930.15	199	9.3826	9.1335	9.0886	9.2	1.09	7.3771	23	1.6662	0
Moisture (%AR)	500.50	AOAC 930.15	105	9.71	9.53	9.77	9.67	1.38	7.3771	23	1.6662	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Moisture (%AR)	500.70	Commerc. Anal.	172	10.014	10.014	10.014	10	1.58	7.3771	23	1.6662	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.9706	9.9555	10.3067	10.1	1.62	7.3771	23	1.6662	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	207	0.061	0.051	0.057	0.0563	-2.38	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.0783	0.0762	0.0711	0.0752	-1.11	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.99	Other	154	0.079	0.074	0.0733	0.0754	-1.09	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	118	0.083	0.08	0.08	0.081	-0.71	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	186	0.084	0.0762	0.0824	0.0809	-0.72	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	206	0.0804	0.0846	0.0798	0.0816	-0.67	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.30	Other LC-MS	120	0.0854	0.0813	0.0857	0.0841	-0.5	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	198	0.0853	0.0842	0.0815	0.0837	-0.53	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.0866	0.0852	0.0839	0.0852	-0.43	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	109	0.081	0.078	0.1	0.0863	-0.36	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	194	0.088	0.081	0.094	0.0877	-0.27	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.0872	0.0946	0.083	0.0883	-0.22	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	142	0.0925	0.0869	0.0932	0.0909	-0.05	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.1077	0.0708	0.1111	0.0965	0.33	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	165	0.0946	0.09	0.1057	0.0968	0.35	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.99	Other	183	0.0999	0.0945	0.1011	0.0985	0.46	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.1035	0.1049	0.1015	0.103	0.79	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.105	0.1021	0.1041	0.104	0.82	0.0916	22	0.0148	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THC (%DW)	501.99	Other	172	0.1196	0.0787	0.1235	0.107	1.06	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.10	Other LC-UV	196	0.1136	0.115	0.1069	0.112	1.36	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.60	NIR	187	0.1506	0.1537	0.16	0.155	4.26	0.0916	22	0.0148	0
Δ9-THC (%DW)	501.30	Other LC-MS	201	0.21	0.22	0.24	0.223	8.88	0.0916	22	0.0148	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0263	0.0195	0.0212	0.0223	-1.76	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	142	0.03	0.0273	0.0269	0.0281	-1.43	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.60	NIR	187	0.0371	0.038	0.0294	0.0348	-1.04	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	207	0.039	0.039	0.041	0.0397	-0.76	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	118	0.042	0.042	0.039	0.041	-0.69	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0436	0.0446	0.0412	0.0431	-0.56	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	186	0.0452	0.0447	0.0448	0.0449	-0.46	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	198	0.0533	0.0462	0.0459	0.0485	-0.25	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.0563	0.0509	0.0513	0.0528	0	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	206	0.0502	0.0575	0.0539	0.0539	0.06	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.30	Other LC-MS	120	0.0548	0.0555	0.0554	0.0552	0.14	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.99	Other	154	0.0592	0.0593	0.0508	0.0564	0.21	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	196	0.0609	0.0603	0.0552	0.0588	0.34	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.063	0.0558	0.0637	0.0608	0.46	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	165	0.0729	0.0607	0.0665	0.0667	0.8	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.99	Other	183	0.0678	0.067	0.0676	0.0675	0.84	0.0529	19	0.0173	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ9-THCA (%DW)	502.10	Other LC-UV	109	0.067	0.072	0.064	0.0677	0.85	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0886	0.098	0.0915	0.0927	2.3	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.99	Other	172	0.0985	0.1089	0.1017	0.103	2.9	0.0529	19	0.0173	0
Δ9-THCA (%DW)	502.30	Other LC-MS	201	0.61	<0.1000	<0.1000	0.27					1

CBD (%DW)

CBD (%DW)	503.10	Other LC-UV	118	1.31	1.274	1.281	1.29	-1.53	1.5769	19	0.1884	0
CBD (%DW)	503.99	Other	154	1.2973	1.4445	1.3034	1.35	-1.21	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	207	1.364	1.352	1.387	1.37	-1.11	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	206	1.4107	1.4223	1.4506	1.43	-0.79	1.5769	19	0.1884	0
CBD (%DW)	503.30	Other LC-MS	105	1.44	1.5	1.41	1.45	-0.67	1.5769	19	0.1884	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	1.3921	1.5308	1.4228	1.45	-0.68	1.5769	19	0.1884	0
CBD (%DW)	503.60	NIR	187	1.4738	1.4322	1.4894	1.47	-0.59	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	186	1.5171	1.4975	1.5214	1.51	-0.34	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	194	1.573	1.57	1.608	1.58	0.04	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	196	1.607	1.612	1.583	1.6	0.13	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	204	1.6046	1.6064	1.6066	1.61	0.15	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	142	1.6258	1.5627	1.6743	1.62	0.23	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	198	1.6919	1.6168	1.5943	1.63	0.3	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	109	1.767	1.763	1.606	1.71	0.72	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	172	1.6447	1.8101	1.685	1.71	0.72	1.5769	19	0.1884	0
CBD (%DW)	503.10	Other LC-UV	116	1.7001	1.7155	1.7546	1.72	0.78	1.5769	19	0.1884	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%DW)	503.99	Other	183	1.7563	1.7007	1.7449	1.73	0.83	1.5769	19	0.1884	0
CBD (%DW)	503.30	Other LC-MS	201	1.63	1.94	2.07	1.88	1.61	1.5769	19	0.1884	0
CBD (%DW)	503.99	Other	172	1.8277	2.0115	1.8725	1.9	1.74	1.5769	19	0.1884	0

CBDA (%DW)

CBDA (%DW)	504.99	Other	154	2.196	1.9251	1.9749	2.03	-2	3.3808	18	0.673	0
CBDA (%DW)	504.30	Other LC-MS	105	2.18	2.27	2.22	2.22	-1.72	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	142	2.517	2.5142	2.6041	2.55	-1.24	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	207	2.895	2.907	3.081	2.96	-0.62	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	118	3.146	3.049	2.954	3.05	-0.49	3.3808	18	0.673	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	2.9183	3.3368	3.1047	3.12	-0.39	3.3808	18	0.673	0
CBDA (%DW)	504.30	Other LC-MS	201	2.62	3.34	3.41	3.12	-0.38	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	198	3.529	3.1862	3.1602	3.29	-0.13	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	116	3.4451	3.4564	3.5768	3.49	0.17	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	186	3.5367	3.5243	3.5677	3.54	0.24	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	206	3.5426	3.5767	3.6391	3.59	0.31	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	172	3.5793	3.7637	3.4616	3.6	0.33	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	204	3.6182	3.6009	3.612	3.61	0.34	3.3808	18	0.673	0
CBDA (%DW)	504.10	Other LC-UV	196	3.638	3.653	3.596	3.63	0.37	3.3808	18	0.673	0
CBDA (%DW)	504.60	NIR	187	3.905	3.8126	3.6067	3.77	0.59	3.3808	18	0.673	0
CBDA (%DW)	504.99	Other	172	3.9776	4.1825	3.8468	4	0.92	3.3808	18	0.673	0
CBDA (%DW)	504.99	Other	183	4.4402	4.2799	4.461	4.39	1.51	3.3808	18	0.673	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBDA (%DW)	504.10	Other LC-UV	109	4.58	4.604	4.141	4.44	1.58	3.3808	18	0.673	0
CBN (%DW)												
CBN (%DW)	505.10	Other LC-UV	109	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%DW)	505.99	Other	154	0.0209	0.0193	0.0192	0.0198	-1.12	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	192	0.0229	0.0221	0.0205	0.0218	-0.75	0.026	14	0.0055	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0199	0.0231	0.022	0.0217	-0.78	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	207	0.022	0.023	0.023	0.0227	-0.6	0.026	14	0.0055	0
CBN (%DW)	505.20	Other LC-MS	105	0.0226	0.0202	0.0253	0.0227	-0.59	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	206	0.024	0.0246	0.0221	0.0236	-0.44	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	186	0.024	0.0245	0.0257	0.0247	-0.23	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	142	0.0249	0.0253	0.0247	0.025	-0.18	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	196	0.0264	0.0273	0.0259	0.0265	0.1	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	204	0.0258	0.0259	0.0257	0.0258	-0.03	0.026	14	0.0055	0
CBN (%DW)	505.99	Other	183	0.0262	0.0248	0.0293	0.0268	0.14	0.026	14	0.0055	0
CBN (%DW)	505.30	GC-FID	116	0.0445	0.0405	<0.0400	0.0417	2.83	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	116	0.0424	<0.0400	0.0447	0.0424	2.95	0.026	14	0.0055	0
CBN (%DW)	505.10	Other LC-UV	198	0.0534	0.0499	0.0494	0.0509	4.49	0.026	14	0.0055	0
CBN (%DW)	505.20	Other LC-MS	201	<0.1000	<0.1000	0.11	0.103					1
Total Δ9-THC (%DW)												
Total Δ9-THC (%DW)	506.10	Other LC-UV	207	0.095	0.086	0.093	0.0913	-1.52	0.1426	25	0.0337	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.11	0.102	0.102	0.105	-1.12	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.106	0.1026	0.1057	0.105	-1.12	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	142	0.0925	0.1109	0.1168	0.107	-1.06	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	118	0.12	0.117	0.114	0.117	-0.76	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	186	0.1237	0.1154	0.1217	0.12	-0.66	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.99	Other	154	0.1309	0.126	0.1178	0.125	-0.52	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.1246	0.1223	0.1274	0.125	-0.53	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.1254	0.1337	0.1191	0.126	-0.49	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	198	0.132	0.1246	0.1218	0.126	-0.49	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	206	0.1244	0.135	0.1271	0.129	-0.41	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	120	0.1335	0.13	0.1343	0.133	-0.3	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.1414	0.1397	0.1312	0.137	-0.15	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	109	0.14	0.141	0.156	0.146	0.09	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.15	0.1527	0.1376	0.147	0.12	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.1528	0.1495	0.1465	0.15	0.21	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	165	0.1586	0.1422	0.164	0.155	0.37	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.1603	0.151	0.16	0.157	0.43	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.99	Other	183	0.1594	0.1533	0.1604	0.158	0.45	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	196	0.167	0.1679	0.1553	0.163	0.62	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.1854	0.1567	0.1913	0.178	1.04	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.1825	0.1889	0.1861	0.186	1.28	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.99	Other	172	0.206	0.1742	0.2127	0.198	1.63	0.1426	25	0.0337	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total Δ9-THC (%DW)	506.99	Other	181	0.275	0.287	0.243	0.268	3.73	0.1426	25	0.0337	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	201	0.74	0.22	0.24	0.4	7.63	0.1426	25	0.0337	0

Total CBD (%DW)

Total CBD (%DW)	507.99	Other	154	3.3705	2.9856	3.0353	3.13	-2.13	4.6456	21	0.7123	0
Total CBD (%DW)	507.30	Other LC-MS	105	3.35	3.49	3.36	3.4	-1.75	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	142	3.8332	3.7677	3.9581	3.85	-1.11	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	207	3.904	3.901	4.089	3.96	-0.96	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	118	4.069	3.948	3.872	3.96	-0.96	4.6456	21	0.7123	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	3.9514	4.4527	4.1456	4.18	-0.65	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	198	4.7868	4.4112	4.3657	4.52	-0.17	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	206	4.5175	4.5591	4.6421	4.57	-0.1	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	186	4.6188	4.5882	4.6503	4.62	-0.04	4.6456	21	0.7123	0
Total CBD (%DW)	507.30	Other LC-MS	201	3.93	4.86	5.06	4.62	-0.04	4.6456	21	0.7123	0
Total CBD (%DW)	507.60	NIR	187	4.8106	4.7752	4.6517	4.75	0.14	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	204	4.7777	4.7645	4.7744	4.77	0.18	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	196	4.798	4.816	4.737	4.78	0.19	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	116	4.7215	4.7467	4.8914	4.79	0.2	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	192	5.0343	4.7669	4.704	4.84	0.27	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	172	4.7837	5.1109	4.7208	4.87	0.32	4.6456	21	0.7123	0
Total CBD (%DW)	507.40	GC-FID	116	5.1295	4.9455	4.8997	4.99	0.49	4.6456	21	0.7123	0
Total CBD (%DW)	507.99	Other	172	5.3161	5.6796	5.2461	5.41	1.08	4.6456	21	0.7123	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%DW)	507.99	Other	183	5.6504	5.4541	5.6571	5.59	1.32	4.6456	21	0.7123	0
Total CBD (%DW)	507.10	Other LC-UV	109	5.783	5.8	5.238	5.61	1.35	4.6456	21	0.7123	0
Total CBD (%DW)	507.40	GC-FID	138	6.0433	7.1784	5.9181	6.38	2.43	4.6456	21	0.7123	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%DW)	508.99	Other	207	<0.0130	<0.0130	<0.0130	<0.0130					1
CBDV (%DW)	508.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1
CBDV (%DW)	508.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBDV (%DW)	508.99	Other	201	<0.1000	<0.1000	<0.1000	<0.1000					1
CBDV (%DW)	508.99	Other	206	0	0	0	0					2
CBDV (%DW)	508.99	Other	183	0	0	0	0					2
CBDV (%DW)	508.99	Other	142	0.0224	0.0267	0.0277	0.0256					0

CBDVA (%DW)

CBDVA (%DW)	509.99	Other	186	0.0202	0.0215	0.0285	0.0234	-1.08	0.0467	6	0.0215	0
CBDVA (%DW)	509.99	Other	206	0.0359	0.036	0.0363	0.0361	-0.49	0.0467	6	0.0215	0
CBDVA (%DW)	509.99	Other	196	0.0417	0.0424	0.0409	0.0417	-0.23	0.0467	6	0.0215	0
CBDVA (%DW)	509.99	Other	154	0.0448	0.0444	0.0443	0.0445	-0.1	0.0467	6	0.0215	0
CBDVA (%DW)	509.99	Other	183	0.0546	0.055	0.0567	0.0554	0.41	0.0467	6	0.0215	0
CBDVA (%DW)	509.99	Other	201	<0.1000	0.45	0.45	0.333	13.31	0.0467	6	0.0215	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
				CBG (%DW)								
CBG (%DW)	510.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1
CBG (%DW)	510.99	Other	109	<0.0500	<0.0500	<0.0500	<0.0500					1
CBG (%DW)	510.99	Other	142	0.0347	0.0165	0.0179	0.023	-1.08	0.0343	8	0.0104	0
CBG (%DW)	510.99	Other	196	0.0241	0.0233	0.0254	0.0243	-0.96	0.0343	8	0.0104	0
CBG (%DW)	510.99	Other	206	0.0263	0.0272	0.0272	0.0269	-0.71	0.0343	8	0.0104	0
CBG (%DW)	510.99	Other	183	0.0305	0.0342	0.0411	0.0353	0.1	0.0343	8	0.0104	0
CBG (%DW)	510.99	Other	207	0.035	0.028	0.045	0.036	0.17	0.0343	8	0.0104	0
CBG (%DW)	510.99	Other	204	0.0375	0.0358	0.0388	0.0374	0.3	0.0343	8	0.0104	0
CBG (%DW)	510.99	Other	105	0.0193	0.0526	0.0522	0.0414	0.69	0.0343	8	0.0104	0
CBG (%DW)	510.99	Other	201	0.16	0.18	0.18	0.173	13.4	0.0343	8	0.0104	0

CBGA (%DW)												
CBGA (%DW)	511.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
CBGA (%DW)	511.99	Other	206	0	0	0	0					2
CBGA (%DW)	511.99	Other	207	0.028	0.036	0.038	0.034	-1.08	0.0626	8	0.0265	0
CBGA (%DW)	511.99	Other	196	0.0459	0.0454	0.045	0.0454	-0.65	0.0626	8	0.0265	0
CBGA (%DW)	511.99	Other	142	0.0555	0.0505	0.0537	0.0532	-0.35	0.0626	8	0.0265	0
CBGA (%DW)	511.99	Other	186	0.0579	0.0558	0.0514	0.055	-0.28	0.0626	8	0.0265	0
CBGA (%DW)	511.99	Other	183	0.0531	0.0526	0.0679	0.0579	-0.18	0.0626	8	0.0265	0
CBGA (%DW)	511.99	Other	204	0.0602	0.0586	0.0585	0.0591	-0.13	0.0626	8	0.0265	0
CBGA (%DW)	511.99	Other	154	0.0938	0.0932	0.0934	0.0935	1.17	0.0626	8	0.0265	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBGA (%DW)	511.99	Other	201	<0.1000	0.44	0.45	0.33	10.1	0.0626	8	0.0265	0
THCV (%DW)												
THCV (%DW)	512.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%DW)	512.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%DW)	512.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1
THCV (%DW)	512.99	Other	196	<0.2050	<0.0205	<0.0205	<0.2050					1
THCV (%DW)	512.99	Other	183	0	0	0	0					2
THCV (%DW)	512.99	Other	206	0.0016	0.0026	0.0021	0.0021					0
THCV (%DW)	512.99	Other	201	<0.1000	<0.1000	0.1	0.1					1
Δ8-THC (%DW)												
Δ8-THC (%DW)	513.99	Other	109	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	142	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	207	<0.0130	<0.0130	<0.0130	<0.0130					1
Δ8-THC (%DW)	513.99	Other	186	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ8-THC (%DW)	513.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%DW)	513.99	Other	183	0	0	0	0					2
Δ8-THC (%DW)	513.99	Other	206	0	0	0	0					2
CBC (%DW)												
CBC (%DW)	514.99	Other	206	0.1113	0.1158	0.114	0.114	-0.9	0.1263	12	0.0139	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%DW)	514.99	Other	207	0.115	0.111	0.118	0.115	-0.83	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	186	0.1144	0.1148	0.1148	0.115	-0.83	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	154	0.1113	0.1129	0.1224	0.116	-0.77	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	194	0.117	0.117	0.122	0.119	-0.55	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	142	0.1267	0.1161	0.1216	0.121	-0.34	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	105	0.125	0.117	0.125	0.122	-0.28	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	204	0.1281	0.1289	0.1283	0.128	0.16	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	196	0.1385	0.1352	0.1345	0.136	0.7	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	183	0.136	0.1311	0.1443	0.137	0.78	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	109	0.149	0.15	0.137	0.145	1.37	0.1263	12	0.0139	0
CBC (%DW)	514.99	Other	201	0.24	0.37	0.44	0.35	16.08	0.1263	12	0.0139	0

Cd (ug/g DW)

Cd (ug/g DW)	601.04	ICP-MS	105	0.206	0.195	0.205	0.202					0
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As (ug/g DW)

As (ug/g DW)	602.04	ICP-MS	105	0.683	0.669	0.729	0.694					0
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Hg (ug/g DW)

Hg (ug/g DW)	603.04	ICP-MS	105	0.013	0.0128	0.0119	0.0126					0
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Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
				Pb (ug/g DW)								
Pb (ug/g DW)	604.04	ICP-MS	105	2.2	2.93	2.2	2.44					0
				Cu (ug/g DW)								
Cu (ug/g DW)	605.04	ICP-MS	105	15	14.1	13.4	14.2					0
				Ni (ug/g DW)								
Ni (ug/g DW)	606.04	ICP-MS	105	9.02	9.59	10.9	9.84					0
				Cr (ug/g DW)								
Cr (ug/g DW)	607.04	ICP-MS	105	17.8	18.8	18.5	18.4					0
				Se (ug/g DW)								
Se (ug/g DW)	608.04	ICP-MS	105	0.0915	0.102	0.126	0.106					0
				Zn (ug/g DW)								
Zn (ug/g DW)	611.04	ICP-MS	105	62.1	69	70.2	67.1					0

1. Flag definitions: 1 (Lab Value not used because there were less than 2 numeric lab results), 2 (Lab Value not used because there were less than 2 numeric lab results greater than 0).

2. Robust statistics performed to determine robust mean and Z scores only if there were 6 or more numeric lab values.

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