

Hemp Proficiency Testing

All Labs Precision

HM22SEP-2 (hemp)



Sample: HM22SEP-2 (hemp)

All Labs Precision

Issue Date: November 18, 2022

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)	001.99	Other	132	0.176	0.176	0.176	0	0	3.16	0	24.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.166	0.166	0.166	0	0	3.16	0	24.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2461	0.246	0.2456	0.11	0.02	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.182	0.1818	0.1826	0.23	0.04	3.16	0	24.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2693	0.2679	0.2692	0.29	0.06	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2006	0.1986	0.1997	0.5	0.1	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.173	0.171	0.173	0.67	0.13	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.175	0.178	0.176	0.87	0.17	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1792	0.1768	0.1797	0.87	0.17	3.16	0	24.6	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1742	0.1731	0.1709	0.97	0.19	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.176	0.174	0.178	1.14	0.22	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1753	0.1716	0.172	1.17	0.23	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.1825	0.1856	0.1814	1.19	0.23	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.221	0.219	0.215	1.4	0.28	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2056	0.205	0.1998	1.57	0.31	3.16	0	24.6	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)	001.99	Other	183	0.1805	0.1784	0.1843	1.65	0.32	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1629	0.1572	0.1597	1.79	0.34	3.16	0	24.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1852	0.1901	0.1826	2.05	0.4	3.16	0	24.6	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1983	0.191	0.1889	2.56	0.5	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1942	0.1862	0.1853	2.6	0.51	3.16	0	24.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.165	0.162	0.156	2.85	0.54	3.16	0	24.6	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2	0.2	0.19	2.94	0.58	3.16	0	24.6	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.15	0.144	0.141	3.16	0.59	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.19	0.18	0.18	3.15	0.61	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.1804	0.188	0.1943	3.71	0.72	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.193	0.1846	0.1991	3.79	0.74	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1972	0.2054	0.1901	3.88	0.76	3.16	0	24.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.193	0.195	0.1812	3.93	0.77	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1925	0.2092	0.2022	4.17	0.82	3.16	0	24.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	120	0.1998	0.2157	0.2014	4.26	0.84	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1664	0.1557	0.1521	4.71	0.89	3.16	0	24.6	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	170	0.1969	0.192	0.2101	4.69	0.92	3.16	0	24.6	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.1975	0.196	0.213	4.66	0.92	3.16	0	24.6	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.188	0.17	0.182	5.09	0.99	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.161	0.18	0.17	5.58	1.07	3.16	0	24.6	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.1788	0.1906	0.1635	7.65	1.48	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.2274	0.1964	0.1982	8.39	1.66	3.16	0	24.6	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	212	0.2155	0.2258	0.1894	8.92	1.77	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1714	0.1676	0.1356	12.4	2.36	3.16	0	24.6	0
Δ9-THC (%AR)	001.60	NIR	187	0.28	0.21	0.21	17.3	3.49	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	124	0.1073	0.1759	0.1368	24.6	4.59	3.16	0	24.6	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1073	0.1759	0.1368	24.6	4.59	3.16	0	24.6	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0472	<0.0483	<0.0483						1
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0	0	0						1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250						1
Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270						1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	170	<0.0300	<0.0300	<0.0300						1
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0212	<0.0200	<0.0200						1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0481	<0.0476	<0.0481						1
Δ9-THCA (%AR)	002.10	Other LC-UV	216	<0.0450	<0.0478	<0.0459						1
Δ9-THCA (%AR)	002.60	NIR	187	<0.0100	0.02	0.02						1
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0279	0.0281	0.0279	0.41	0.06	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	120	0.0189	0.0184	0.0183	1.73	0.24	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0149	0.0149	0.0144	1.96	0.26	8.61	0.41	67.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0434	0.0448	0.0458	2.7	0.42	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.018	0.019	0.018	3.15	0.43	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.99	Other	132	0.016	0.017	0.017	3.46	0.47	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0158	0.0152	0.0163	3.49	0.47	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0215	0.0231	0.0229	3.87	0.55	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0253	0.0255	0.0235	4.45	0.64	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0193	0.0182	0.0175	4.95	0.68	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.033	0.034	0.031	4.68	0.7	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0161	0.0152	0.0169	5.29	0.71	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.0221	0.0235	0.0244	4.97	0.71	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.99	Other	183	0.0307	0.0339	0.0331	5.11	0.77	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.035	0.035	0.032	5.09	0.77	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0233	0.0261	0.0254	5.84	0.84	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.029	0.026	0.026	6.42	0.94	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0462	0.0458	0.0412	6.26	0.98	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.1199	0.1301	0.117	5.62	1.03	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.025	0.022	0.021	9.18	1.3	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.018	0.022	0.021	10.2	1.43	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0173	0.0215	0.021	11.5	1.6	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0195	0.017	0.0148	13.8	1.87	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0252	0.0247	0.0188	15.5	2.21	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0234	0.0236	0.0326	19.8	2.88	8.61	0.41	67.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0114	0.0183	0.013	25.4	3.36	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0114	0.0183	0.013	25.4	3.36	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.037	0.0281	0.0232	23.8	3.51	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.02	0.01	0.01	43.3	5.68	8.61	0.41	67.7	0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.0423	0.268	0.2706	67.7	13.26	8.61	0.41	67.7	0

CBD (%AR)

CBD (%AR)	003.30	Other LC-MS	122	6.5885	6.588	6.5879	0	0	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	106	5.29	5.28	5.29	0.11	0.04	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	142	5.24	5.21	5.2	0.4	0.13	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	216	5.5054	5.4488	5.4982	0.56	0.18	2.56	0	20.2	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.97	5.01	5.03	0.61	0.19	2.56	0	20.2	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	5.1985	5.1465	5.203	0.61	0.19	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	189	4.8559	4.8731	4.8075	0.7	0.22	2.56	0	20.2	0
CBD (%AR)	003.99	Other	183	5.3446	5.3079	5.3812	0.69	0.22	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	204	5.065	4.9897	5.0496	0.79	0.25	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	172	5.9	5.927	5.801	1.13	0.37	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	113	4.8179	4.8793	4.9608	1.47	0.47	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	197	5.6594	5.5053	5.5063	1.6	0.52	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	196	5.4579	5.2924	5.3045	1.72	0.56	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	116	5.3538	5.5251	5.3468	1.87	0.6	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	163	5.7896	5.5811	5.6559	1.86	0.61	2.56	0	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 (%AR)	003.03	AOAC 2018.11, M	139	4.6498	4.5665	4.4465	2.24	0.71	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	194	5.0441	5.0726	5.2719	2.42	0.77	2.56	0	20.2	0
CBD (%AR)	003.99	Other	132	4.731	4.979	4.85	2.56	0.81	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	149	4.824	5.029	5.057	2.56	0.82	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	184	4.73	4.992	4.909	2.75	0.87	2.56	0	20.2	0
CBD (%AR)	003.01	AOAC 2018.10	170	5.21	5.2804	5.4943	2.78	0.89	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	212	4.6612	4.8891	4.9371	3.05	0.97	2.56	0	20.2	0
CBD (%AR)	003.01	AOAC 2018.10	152	4.6816	4.977	4.9076	3.18	1.01	2.56	0	20.2	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.805	4.714	4.513	3.19	1.01	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	144	5.8166	5.5695	5.4516	3.32	1.08	2.56	0	20.2	0
CBD (%AR)	003.30	Other LC-MS	164	5.4839	5.1186	5.2269	3.56	1.14	2.56	0	20.2	0
CBD (%AR)	003.30	Other LC-MS	149	6.145	5.804	5.555	5.08	1.66	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	191	4.9914	5.1467	5.5235	5.24	1.68	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	155	4.29	4.49	4.79	5.56	1.75	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	200	4.247	4.779	4.544	5.89	1.85	2.56	0	20.2	0
CBD (%AR)	003.10	Other LC-UV	192	4.8181	5.2216	4.5666	6.79	2.16	2.56	0	20.2	0
CBD (%AR)	003.30	Other LC-MS	102	5.3849	6.3048	5.5109	8.7	2.83	2.56	0	20.2	0
CBD (%AR)	003.60	NIR	187	5.83	4.19	4.16	20.2	6.4	2.56	0	20.2	0

CBDA (%AR)

CBDA (%AR)	004.30	Other LC-MS	122	2.8775	2.8771	2.878	0.02	0	3.01	0.02	6.63	0
CBDA (%AR)	004.01	AOAC 2018.10	170	3.512	3.5464	3.5099	0.58	0.18	3.01	0.02	6.63	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	189	2.8773	2.8859	2.8471	0.71	0.21	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	172	3.683	3.699	3.64	0.83	0.25	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	106	3.16	3.1	3.13	0.96	0.29	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	204	3.1767	3.1035	3.1508	1.18	0.35	3.01	0.02	6.63	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	2.9	2.9	2.84	1.2	0.35	3.01	0.02	6.63	0
CBDA (%AR)	004.99	Other	183	3.3144	3.3302	3.3933	1.25	0.37	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	116	3.0715	3.0757	3.0076	1.25	0.37	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	196	3.157	3.0734	3.0589	1.71	0.51	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	197	3.2726	3.1546	3.2019	1.85	0.55	3.01	0.02	6.63	0
CBDA (%AR)	004.99	Other	132	2.608	2.715	2.645	2.05	0.59	3.01	0.02	6.63	0
CBDA (%AR)	004.30	Other LC-MS	149	2.981	3.085	3.094	2.06	0.61	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	142	2.92	2.85	2.78	2.46	0.72	3.01	0.02	6.63	0
CBDA (%AR)	004.60	NIR	187	3.05	3.05	3.19	2.61	0.77	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	194	3.0834	3.0924	3.2297	2.62	0.78	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	216	3.2459	3.0823	3.145	2.61	0.78	3.01	0.02	6.63	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.2435	3.267	3.104	2.75	0.82	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	149	2.701	2.839	2.87	3.21	0.94	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	212	2.3181	2.4476	2.5069	3.98	1.14	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	163	3.3147	3.2728	3.519	3.91	1.18	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	144	3.4571	3.1862	3.3059	4.09	1.23	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	191	3.235	3.4394	3.5049	4.15	1.25	3.01	0.02	6.63	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	2.9816	2.9352	2.7322	4.6	1.35	3.01	0.02	6.63	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	184	2.994	3.306	3.224	5.09	1.52	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	155	2.53	2.68	2.81	5.24	1.52	3.01	0.02	6.63	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	2.9858	3.3262	3.1036	5.51	1.64	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	200	2.469	2.791	2.646	6.12	1.77	3.01	0.02	6.63	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.533	2.84	2.559	6.44	1.87	3.01	0.02	6.63	0
CBDA (%AR)	004.30	Other LC-MS	164	3.8155	3.6192	3.3667	6.25	1.9	3.01	0.02	6.63	0
CBDA (%AR)	004.10	Other LC-UV	192	2.6215	2.8839	2.5446	6.63	1.93	3.01	0.02	6.63	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	216	<0.0676	<0.0718	<0.0688						1
CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%AR)	005.10	Other LC-UV	197	<0.0708	<0.0725	<0.0725						1
CBN (%AR)	005.10	Other LC-UV	149	0.042	<0.0250	<0.0250						1
CBN (%AR)	005.10	Other LC-UV	106	0.05	0.05	0.05	0	0	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	189	0.0482	0.0484	0.0478	0.64	0.1	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	200	0.049	0.049	0.048	1.19	0.19	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	142	0.0394	0.0384	0.0389	1.29	0.2	3.33	0	18.4	0
CBN (%AR)	005.99	Other	132	0.042	0.043	0.043	1.35	0.21	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	204	0.0487	0.0499	0.0484	1.62	0.26	3.33	0	18.4	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0409	0.0418	0.0424	1.81	0.28	3.33	0	18.4	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.062	0.0634	0.0642	1.76	0.29	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	144	0.0433	0.0425	0.0444	2.2	0.34	3.33	0	18.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBN (%AR)	005.99	Other	183	0.0489	0.0495	0.0512	2.39	0.38	3.33	0	18.4	0
CBN (%AR)	005.30	GC-FID	192	0.0559	0.0585	0.0591	2.94	0.48	3.33	0	18.4	0
CBN (%AR)	005.30	GC-FID	163	0.0602	0.0634	0.064	3.27	0.54	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	194	0.0385	0.0393	0.0413	3.63	0.56	3.33	0	18.4	0
CBN (%AR)	005.20	Other LC-MS	102	0.0512	0.0546	0.0512	3.75	0.6	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	212	0.0609	0.0564	0.0589	3.84	0.63	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	196	0.0492	0.0458	0.046	4.06	0.64	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	116	0.0585	0.0634	0.0644	5.08	0.84	3.33	0	18.4	0
CBN (%AR)	005.20	Other LC-MS	149	0.052	0.047	0.052	5.74	0.92	3.33	0	18.4	0
CBN (%AR)	005.30	GC-FID	138	0.0574	0.0553	0.0618	5.7	0.93	3.33	0	18.4	0
CBN (%AR)	005.30	GC-FID	116	0.0658	0.0555	0.058	8.99	1.48	3.33	0	18.4	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.042	0.046	0.058	17.1	2.72	3.33	0	18.4	0
CBN (%AR)	005.10	Other LC-UV	192	0.0561	0.0591	0.0412	18.4	2.96	3.33	0	18.4	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	190	0.293								1
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2706	0.2707	0.2706	0.02	0	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.182	0.1818	0.1826	0.23	0.04	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2387	0.2379	0.2398	0.4	0.08	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.99	Other	132	0.19	0.191	0.192	0.52	0.1	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1861	0.1841	0.1856	0.56	0.11	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.188	0.1865	0.1852	0.75	0.15	3.44	0.02	24.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.197	0.197	0.194	0.88	0.17	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1792	0.1768	0.1797	0.87	0.17	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.2018	0.2062	0.2027	1.14	0.23	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.1753	0.1716	0.172	1.17	0.23	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.99	Other	183	0.2074	0.2081	0.2132	1.51	0.3	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1969	0.201	0.2035	1.66	0.33	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.3098	0.3115	0.3021	1.63	0.34	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.2499	0.2488	0.2422	1.69	0.34	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.2526	0.2557	0.2467	1.82	0.37	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.278	0.2734	0.2675	1.93	0.4	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.187	0.187	0.194	2.13	0.42	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2074	0.2124	0.2032	2.22	0.44	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2674	0.2723	0.2607	2.18	0.45	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2103	0.2017	0.2008	2.57	0.51	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1942	0.1862	0.1853	2.6	0.51	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.22	0.22	0.21	2.66	0.53	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2152	0.207	0.2042	2.74	0.54	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.165	0.162	0.156	2.85	0.54	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.196	0.187	0.198	3.03	0.59	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2119	0.2049	0.2192	3.37	0.67	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.181	0.171	0.169	3.7	0.71	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1804	0.188	0.1943	3.71	0.72	3.44	0.02	24.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1112	0.1205	0.1176	4.09	0.74	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2059	0.2055	0.2194	3.76	0.75	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	120	0.2164	0.2318	0.2174	3.88	0.78	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.203	0.187	0.198	4.18	0.82	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2216	0.2067	0.2059	4.18	0.83	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.179	0.1929	0.1792	4.34	0.84	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2129	0.2321	0.2244	4.33	0.87	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2172	0.2155	0.1985	4.91	0.97	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.24	0.2196	0.221	5.02	1.01	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1835	0.1706	0.165	5.48	1.06	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.161	0.18	0.17	5.58	1.07	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2	0.212	0.223	5.43	1.08	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2137	0.2135	0.2354	5.7	1.14	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.2157	0.2054	0.1901	6.32	1.25	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2009	0.2123	0.18	8.28	1.63	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.2765	0.2817	0.2381	8.97	1.84	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.28	0.23	0.24	10.6	2.15	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.201	0.293	0.299	20.8	4.27	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.225	0.32	0.35	21.9	4.57	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.1173	0.192	0.1481	24.6	4.65	3.44	0.02	24.6	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.1173	0.192	0.1481	24.6	4.65	3.44	0.02	24.6	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Total CBD (%AR)									
Total CBD (%AR)	007.30	Other LC-MS	122	9.1119	9.1117	9.112	0	0	2.92	0	12.4	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	7.51	7.56	7.52	0.35	0.12	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	189	7.3793	7.404	7.3044	0.7	0.24	2.92	0	12.4	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.043	8.0117	7.9252	0.76	0.26	2.92	0	12.4	0
Total CBD (%AR)	007.99	Other	183	8.2513	8.2285	8.3571	0.83	0.29	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	204	7.851	7.7115	7.8129	0.92	0.32	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	142	7.8008	7.7095	7.6381	1.06	0.36	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	172	9.13	9.171	8.9933	1.02	0.36	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	216	8.3521	8.152	8.2564	1.21	0.42	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	116	8.0475	8.2225	7.9845	1.53	0.52	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	197	8.5295	8.2719	8.3144	1.65	0.57	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	196	8.2266	7.9878	7.9871	1.71	0.59	2.92	0	12.4	0
Total CBD (%AR)	007.40	GC-FID	192	4.4453	4.6196	4.6451	2.38	0.75	2.92	0	12.4	0
Total CBD (%AR)	007.99	Other	132	7.02	7.363	7.171	2.39	0.81	2.92	0	12.4	0
Total CBD (%AR)	007.60	NIR	138	8.545	8.305	8.14	2.44	0.84	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	194	7.7482	7.7846	8.1043	2.49	0.85	2.92	0	12.4	0
Total CBD (%AR)	007.40	GC-FID	163	8.0148	7.7617	7.591	2.74	0.93	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.193	7.518	7.574	2.77	0.94	2.92	0	12.4	0
Total CBD (%AR)	007.40	GC-FID	138	8.9087	9.0274	8.5468	2.84	0.99	2.92	0	12.4	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.759	8.51	8.268	2.88	1	2.92	0	12.4	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	7.2646	7.1407	6.8426	3.06	1.03	2.92	0	12.4	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	161	7.026	7.205	6.757	3.22	1.08	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	212	6.6942	7.0356	7.1357	3.33	1.12	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.8492	8.3644	8.3515	3.33	1.15	2.92	0	12.4	0
Total CBD (%AR)	007.40	GC-FID	169	8.1805	7.816	7.6339	3.53	1.21	2.92	0	12.4	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.68	6.142	6.095	4.26	1.39	2.92	0	12.4	0
Total CBD (%AR)	007.30	Other LC-MS	164	8.8302	8.2926	8.1794	4.12	1.42	2.92	0	12.4	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	7.3006	7.9673	7.5562	4.42	1.5	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	191	7.8284	8.163	8.5972	4.7	1.62	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	155	6.51	6.84	7.26	5.47	1.83	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	200	6.412	7.227	6.865	5.97	2	2.92	0	12.4	0
Total CBD (%AR)	007.10	Other LC-UV	192	7.1172	7.7508	6.7982	6.71	2.26	2.92	0	12.4	0
Total CBD (%AR)	007.40	GC-FID	116	9.3431	8.0927	8.4434	7.48	2.59	2.92	0	12.4	0
Total CBD (%AR)	007.40	GC-FID	170	10.1221	10.2369	8.3252	11.2	3.94	2.92	0	12.4	0
Total CBD (%AR)	007.60	NIR	187	8.51	6.87	6.96	12.4	4.19	2.92	0	12.4	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0472	<0.0483	<0.0483						1
CBDV (%AR)	008.99	Other	216	<0.0450	<0.0478	<0.0459						1
CBDV (%AR)	008.99	Other	149	0.045	0.045	0.045	0	0	2.19	0	11	0
CBDV (%AR)	008.99	Other	132	0.038	0.038	0.038	0	0	2.19	0	11	0
CBDV (%AR)	008.99	Other	106	0.03	0.03	0.03	0	0	2.19	0	11	0
CBDV (%AR)	008.99	Other	196	0.0359	0.0366	0.0361	1	0.15	2.19	0	11	0

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	200	0.043	0.044	0.043	1.33	0.21	2.19	0	11	0
CBDV (%AR)	008.99	Other	142	0.043	0.0413	0.0421	2.02	0.31	2.19	0	11	0
CBDV (%AR)	008.99	Other	183	0.0441	0.042	0.0434	2.48	0.39	2.19	0	11	0
CBDV (%AR)	008.99	Other	212	0.0538	0.0501	0.0533	3.83	0.62	2.19	0	11	0
CBDV (%AR)	008.99	Other	189	0.0478	0.046	0.043	5.32	0.84	2.19	0	11	0
CBDV (%AR)	008.99	Other	194	0.038	0.0473	0.0421	11	1.71	2.19	0	11	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	197	<0.0472	<0.0483	<0.0483						1
CBDVA (%AR)	009.99	Other	216	<0.0450	<0.0478	<0.0459						1
CBDVA (%AR)	009.99	Other	183	0.0436	0.0427	0.0439	1.44	0.23				0
CBDVA (%AR)	009.99	Other	212	0.0355	0.0374	0.0364	2.61	0.4				0
CBDVA (%AR)	009.99	Other	149	0.03	0.032	0.031	3.23	0.48				0
CBDVA (%AR)	009.99	Other	196	0.0302	0.0297	0.0283	3.35	0.49				0
CBDVA (%AR)	009.99	Other	142	0.0304	0.029	0.0283	3.66	0.54				0

CBG (%AR)

CBG (%AR)	010.99	Other	122	0.2606	0.2601	0.2605	0.1	0.02	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	189	0.1878	0.1876	0.1862	0.47	0.09	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	132	0.199	0.202	0.2	0.76	0.15	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	204	0.1723	0.1738	0.1761	1.1	0.21	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	212	0.1689	0.173	0.1726	1.32	0.25	2.1	0.1	7.15	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	196	0.13	0.1292	0.1267	1.34	0.25	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	200	0.147	0.15	0.146	1.41	0.27	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	216	0.1135	0.1158	0.1174	1.7	0.31	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	142	0.143	0.138	0.139	1.89	0.35	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	194	0.1717	0.1654	0.1678	1.89	0.36	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	183	0.1756	0.1714	0.1781	1.93	0.37	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	155	0.204	0.204	0.214	2.78	0.55	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	149	0.143	0.154	0.15	3.74	0.7	2.1	0.1	7.15	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.201	0.204	0.217	4.1	0.81	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	106	0.21	0.21	0.19	5.68	1.12	2.1	0.1	7.15	0
CBG (%AR)	010.99	Other	197	0.1188	0.1082	0.1034	7.15	1.29	2.1	0.1	7.15	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	122	0.1995	0.1999	0.1996	0.1	0.02	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	189	0.1631	0.1638	0.1616	0.69	0.13	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	204	0.1674	0.1636	0.1667	1.22	0.23	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	142	0.148	0.149	0.145	1.41	0.27	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	196	0.1488	0.1451	0.1499	1.7	0.32	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	216	0.1703	0.1665	0.1734	2.03	0.39	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	132	0.121	0.124	0.127	2.42	0.44	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	183	0.1629	0.1643	0.1706	2.47	0.47	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	194	0.1725	0.1739	0.1819	2.88	0.56	2.6	0.1	7.62	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.147	0.158	0.153	3.61	0.68	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	106	0.14	0.14	0.15	4.03	0.75	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	149	0.144	0.154	0.155	4.03	0.76	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	197	0.1649	0.1637	0.1515	4.63	0.88	2.6	0.1	7.62	0
CBGA (%AR)	011.99	Other	212	0.1113	0.1232	0.1295	7.62	1.39	2.6	0.1	7.62	0

THCV (%AR)

THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100						1
THCV (%AR)	012.99	Other	132	0	0	0						1
THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022						1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205						1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050						1
THCV (%AR)	012.99	Other	183	0	0	0						1
THCV (%AR)	012.99	Other	149	<0.0250	<0.0250	<0.0250						1
THCV (%AR)	012.99	Other	197	<0.0472	<0.0483	<0.0483						1
THCV (%AR)	012.99	Other	216	<0.0450	<0.0478	<0.0459						1
THCV (%AR)	012.99	Other	194	<0.0270	<0.0270	<0.0270						1
THCV (%AR)	012.99	Other	189	0.049	0.0426	0.0427	8.19	1.29				0
THCV (%AR)	012.99	Other	212	0.0218	0.0223	0.03	18.6	2.68				0

 $\Delta 8$ -THC (%AR)

$\Delta 8$ -THC (%AR)	013.99	Other	183	0	0	0						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	
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270						1
Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022						1
Δ8-THC (%AR)	013.99	Other	102	<0.0192	<0.0190	<0.0192						1
Δ8-THC (%AR)	013.99	Other	197	<0.0472	<0.0483	<0.0483						1
Δ8-THC (%AR)	013.99	Other	216	<0.0450	<0.0478	<0.0459						1
Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205						1
Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250						1
Δ8-THC (%AR)	013.99	Other	138	0.0705	0.0699	0.0757	4.43	0.75				0
Δ8-THC (%AR)	013.99	Other	189	0.0118	0.0106	0.0106	6.3	0.8				0

CBC (%AR)

CBC (%AR)	014.99	Other	189	0.3193	0.3179	0.3179	0.25	0.05	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	204	0.267	0.2631	0.2658	0.75	0.15	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	183	0.2763	0.2751	0.279	0.72	0.15	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	142	0.241	0.236	0.237	1.11	0.22	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	197	0.2745	0.2686	0.2715	1.09	0.22	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	132	0.252	0.257	0.252	1.14	0.23	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	200	0.298	0.306	0.299	1.45	0.3	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	194	0.274	0.2727	0.2802	1.45	0.3	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	196	0.2707	0.2636	0.2623	1.7	0.35	1.78	0.25	4.08	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	212	0.26	0.268	0.2706	2.08	0.43	1.78	0.25	4.08	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.262	0.272	0.272	2.15	0.44	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	216	0.2712	0.2603	0.2706	2.29	0.47	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	155	0.248	0.245	0.261	3.38	0.69	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	149	0.255	0.274	0.269	3.7	0.76	1.78	0.25	4.08	0
CBC (%AR)	014.99	Other	106	0.29	0.29	0.27	4.08	0.85	1.78	0.25	4.08	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Cd (ug/g AR)	101.04	ICP-MS	197	0.1955	0.1859	0.1919	2.54	0.5	6.34	2.54	12.4	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.188	0.174	0.181	3.87	0.75	6.34	2.54	12.4	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.169	0.167	0.155	4.63	0.88	6.34	2.54	12.4	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.201	0.227	0.209	6.27	1.25	6.34	2.54	12.4	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1921	0.1725	0.1635	8.31	1.6	6.34	2.54	12.4	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1661	0.1603	0.1308	12.4	2.35	6.34	2.54	12.4	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	162	0.2744	0.2487	<0.2000						1
As (ug/g AR)	102.04	ICP-MS	197	0.2092	0.2003	0.2138	3.3	0.65	6.22	3.3	12.8	0
As (ug/g AR)	102.04	ICP-MS	196	0.231	0.216	0.236	4.57	0.92	6.22	3.3	12.8	0
As (ug/g AR)	102.04	ICP-MS	106	0.21	0.232	0.219	5.02	1	6.22	3.3	12.8	0
As (ug/g AR)	102.04	ICP-MS	142	0.272	0.242	0.251	6.04	1.23	6.22	3.3	12.8	0

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	194	0.2275	0.2077	0.2422	7.67	1.54	6.22	3.3	12.8	0
As (ug/g AR)	102.04	ICP-MS	102	0.202	0.1876	0.1565	12.8	2.48	6.22	3.3	12.8	0
Hg (ug/g AR)												
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000						1
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072						1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0500	<0.0500	<0.0500						1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.2000	<0.0200						1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0969	<0.0980	<0.0998						1
Hg (ug/g AR)	103.04	ICP-MS	106	0.009	0.009	0.009	0	0				0
Hg (ug/g AR)	103.04	ICP-MS	102	0.0095	0.0095	0.0082	8.28	1.02				0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	197	0.6953	0.6873	0.7047	1.25	0.3	5.48	1.25	16.7	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.71	0.69	0.712	1.73	0.41	5.48	1.25	16.7	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.664	0.694	0.657	2.93	0.69	5.48	1.25	16.7	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.681	0.653	0.622	4.53	1.06	5.48	1.25	16.7	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.6341	0.6698	0.6023	5.31	1.24	5.48	1.25	16.7	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.7528	0.8199	0.6734	9.8	2.35	5.48	1.25	16.7	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.5042	0.4468	0.6189	16.7	3.81	5.48	1.25	16.7	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Cu (ug/g AR)									
Cu (ug/g AR)	105.04	ICP-MS	142	17.2	17.6	17.3	1.2	0.46			0	
Cu (ug/g AR)	105.04	ICP-MS	196	10.8	11.3	11.1	2.27	0.82			0	
			Ni (ug/g AR)									
Ni (ug/g AR)	106.04	ICP-MS	142	2.97	2.94	2.87	1.75	0.52			0	
Ni (ug/g AR)	106.04	ICP-MS	196	2.38	2.47	2.41	1.89	0.54			0	
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	196	4.04	4.06	4.13	1.16	0.36			0	
Cr (ug/g AR)	107.04	ICP-MS	142	2.68	2.65	2.78	2.52	0.73			0	
Cr (ug/g AR)	107.04	ICP-MS	197	3.7136	3.909	4.0047	3.83	1.18			0	
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	142	0.129	0.137	0.138	3.66	0.68			0	
Se (ug/g AR)	108.04	ICP-MS	196	0.157	0.161	0.171	4.42	0.84			0	
Se (ug/g AR)	108.04	ICP-MS	197	0.1505	0.1482	0.1696	7.53	1.43			0	
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0500	<0.0500	<0.0500					1	

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
			Ba (ug/g AR)									
Ba (ug/g AR)	110.04	ICP-MS	142	65.5	67.1	65.5	1.4	0.66				0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	58.3	59.9	58.2	1.62	0.75				0
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241						1
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0319	0.0327	0.0319	1.44	0.21				0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0974	0.0956	0.101	2.81	0.5				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0615	0.0605	0.0571	3.86	0.63				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0214	0.0227	0.0244	6.59	0.94				0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	212	0.1079	0.1205	0.1085	6.33	1.14				0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0334	0.034	0.0334	1.03	0.16				0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0501	0.0504	0.0521	2.12	0.34				0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0507	0.0472	0.0483	3.67	0.58				0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0455	0.0459	0.0425	4.16	0.65				0
beta-Caryophyllene (%)	202.02	GC,MS	212	0.047	0.051	0.0685	20.6	3.35				0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0213	0.0199	0.0211	3.65	0.51				0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0151	0.0144	0.0134	5.97	0.79				0
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0081	0.0096	0.0094	9.02	1.12				0
(-)-Caryophyllene oxide	203.02	GC,MS	212	0.0137	0.0139	0.0193	20.3	2.73				0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
Geraniol (%AR)	204.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.013	0.0132	0.0129	1.17	0.15				0
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0302	0.0302	0.0315	2.45	0.36				0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0184	0.0186	0.0175	3.23	0.44				0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0202	0.0187	0.0185	4.86	0.67				0
alpha-Humulene (%AR)	205.02	GC,MS	212	0.0188	0.0203	0.0256	16.6	2.33				0
d-Limonene (%AR)												
d-Limonene (%AR)	206.01	GC,FID	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	
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
d-Limonene (%AR)	206.02	GC,MS	194	0.0022	0.0022	0.0022	0	0				0
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Linalool (%AR)	207.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
Linalool (%AR)	207.02	GC,MS	194	0.0057	0.0055	0.0055	2.07	0.24				0
Linalool (%AR)	207.02	GC,MS	196	0.0015	0.0016	0.0016	3.69	0.35				0
Linalool (%AR)	207.02	GC,MS	212	0.0005	0.0012	0.0018	55.8	5.07				0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
beta-Myrcene (%AR)	208.02	GC,MS	196	0.0013	0.0014	0.0014	4.22	0.39				0
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0034	0.0036	0.0032	5.88	0.63				0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
Ocimene (%AR)												
Ocimene (%AR)	210.01	GC,FID	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	
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0015	0.0015	0.0014	3.94	0.37				0
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	0.0013	0.0014	0.0014	4.22	0.39				0
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
		gamma-Terpinene (%AR)										
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
		alpha-Terpinolene (%AR)										
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013						1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100						1
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004						1
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0005	<0.0005	<0.0005						1
		Moisture (%AR)										
Moisture (%AR)	500.70	Commerc. Anal.	204	6.52	6.52	6.52	0	0	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.06	8.06	8.06	0	0	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	189	6.03	6.03	6.03	0	0	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.74	7.68	7.77	0.59	0.2	3.45	0	11	0
Moisture (%AR)	500.99	Other	105	9.22	9.37	9.32	0.82	0.29	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	172	7.886	8.034	7.907	1.01	0.34	3.45	0	11	0
Moisture (%AR)	500.99	Other	142	5.3	5.2	5.2	1.1	0.35	3.45	0	11	0
Moisture (%AR)	500.72	NIR	138	7.5	7.35	7.35	1.17	0.4	3.45	0	11	0
Moisture (%AR)	500.99	Other	212	6.84	6.94	6.69	1.84	0.62	3.45	0	11	0
Moisture (%AR)	500.50	AOAC 930.15	210	9.32	8.92	8.88	2.69	0.94	3.45	0	11	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Moisture (%AR)	500.70	Commerc. Anal.	194	7.98	7.77	8.21	2.76	0.94	3.45	0	11	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.0155	10.5553	10.3673	2.66	0.94	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.1	6.42	6.44	3.02	1	3.45	0	11	0
Moisture (%AR)	500.72	NIR	187	6.8	6.5	6.4	3.17	1.05	3.45	0	11	0
Moisture (%AR)	500.99	Other	120	7.0694	7.5137	7.5376	3.58	1.21	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	196	8.65	7.78	8.11	5.37	1.84	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.8	10.78	10.78	5.41	1.93	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	153	4.12	3.67	3.7	6.57	2.01	3.45	0	11	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.4719	9.6885	10.6323	6.21	2.2	3.45	0	11	0
Moisture (%AR)	500.99	Other	102	6.9	7.9	7.6	6.87	2.33	3.45	0	11	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.145	8.99	7.68	8.03	2.76	3.45	0	11	0
Moisture (%AR)	500.99	Other	132	1.94	2.34	1.95	11	3.07	3.45	0	11	0
Moisture (%AR)	500.99	Other	224	7.1892	7.0935	8.4613	10.1	3.42	3.45	0	11	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2135	0.2114	0.2125	0.49	0.1	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.1867	0.1827	0.1832	1.18	0.23	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2401	0.2379	0.2335	1.42	0.29	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.99	Other	183	0.1951	0.1928	0.1991	1.63	0.32	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.194	0.195	0.187	2.27	0.44	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	218	0.198	0.191	0.203	3.05	0.6	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.161	0.1585	0.1515	3.14	0.6	3.05	0.49	17.4	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.223	0.216	0.231	3.36	0.67	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1997	0.2117	0.1962	4.01	0.79	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.10	Other LC-UV	116	0.2054	0.2234	0.2158	4.21	0.84	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	120	0.2149	0.2332	0.2178	4.43	0.89	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2195	0.2191	0.2376	4.69	0.94	3.05	0.49	17.4	0
Δ9-THC (%DW)	501.60	NIR	187	0.3	0.23	0.22	17.4	3.55	3.05	0.49	17.4	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
Δ9-THCA (%DW)	502.60	NIR	187	<0.0100	0.02	0.02						1
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0	0	0						1
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0524	<0.0203	<0.0189						1
Δ9-THCA (%DW)	502.30	Other LC-MS	105	<0.0144	0.0147	<0.0144						1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	120	0.0203	0.0199	0.0198	1.32	0.18	4.72	1.32	9.08	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.026	0.026	0.027	2.19	0.32	4.72	1.32	9.08	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0462	0.0477	0.0487	2.65	0.42	4.72	1.32	9.08	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0358	0.0369	0.0337	4.58	0.7	4.72	1.32	9.08	0
Δ9-THCA (%DW)	502.99	Other	183	0.0331	0.0366	0.0357	5.17	0.78	4.72	1.32	9.08	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0249	0.0278	0.0271	5.69	0.83	4.72	1.32	9.08	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0222	0.0194	0.0217	7.08	0.99	4.72	1.32	9.08	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	218	0.046	0.045	0.053	9.08	1.44	4.72	1.32	9.08	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)	503.02	AOAC 2018.11, U	199	5.7771	5.7538	5.8048	0.44	0.14	2.05	0.44	20.4	0
CBD (%DW)	503.99	Other	183	5.7753	5.7357	5.8149	0.69	0.22	2.05	0.44	20.4	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.531	5.493	5.455	0.69	0.22	2.05	0.44	20.4	0
CBD (%DW)	503.10	Other LC-UV	189	5.1675	5.1858	5.116	0.7	0.22	2.05	0.44	20.4	0
CBD (%DW)	503.10	Other LC-UV	204	5.3935	5.3771	5.3133	0.79	0.25	2.05	0.44	20.4	0
CBD (%DW)	503.10	Other LC-UV	172	6.409	6.4383	6.3015	1.13	0.37	2.05	0.44	20.4	0
CBD (%DW)	503.10	Other LC-UV	116	5.7149	5.8978	5.7075	1.87	0.61	2.05	0.44	20.4	0
CBD (%DW)	503.02	AOAC 2018.11, U	218	5.184	5.01	4.985	2.14	0.68	2.05	0.44	20.4	0
CBD (%DW)	503.10	Other LC-UV	162	6.4204	6.1808	6.4533	2.34	0.77	2.05	0.44	20.4	0
CBD (%DW)	503.30	Other LC-MS	105	5.03	5.45	5.23	4.01	1.29	2.05	0.44	20.4	0
CBD (%DW)	503.30	Other LC-MS	102	5.5723	6.847	5.9665	10.6	3.5	2.05	0.44	20.4	0
CBD (%DW)	503.60	NIR	187	6.25	4.48	4.44	20.4	6.53	2.05	0.44	20.4	0

CBDA (%DW)												
CBDA (%DW)	504.01	AOAC 2018.10	210	3.751	3.727	3.726	0.38	0.12	1.77	0.38	2.98	0
CBDA (%DW)	504.10	Other LC-UV	189	3.0619	3.0711	3.0298	0.71	0.21	1.77	0.38	2.98	0
CBDA (%DW)	504.10	Other LC-UV	172	4.0007	4.0181	3.954	0.83	0.26	1.77	0.38	2.98	0
CBDA (%DW)	504.10	Other LC-UV	204	3.3827	3.3551	3.3048	1.18	0.35	1.77	0.38	2.98	0
CBDA (%DW)	504.10	Other LC-UV	116	3.2787	3.2832	3.2106	1.25	0.37	1.77	0.38	2.98	0
CBDA (%DW)	504.99	Other	183	3.5815	3.5987	3.6668	1.25	0.38	1.77	0.38	2.98	0
CBDA (%DW)	504.60	NIR	187	3.28	3.26	3.41	2.46	0.74	1.77	0.38	2.98	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
CBDA (%DW)	504.10	Other LC-UV	162	3.4926	3.3884	3.5771	2.71	0.82	1.77	0.38	2.98	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	3.6045	3.6525	3.463	2.76	0.84	1.77	0.38	2.98	0
CBDA (%DW)	504.30	Other LC-MS	105	2.76	2.92	2.8	2.95	0.86	1.77	0.38	2.98	0
CBDA (%DW)	504.02	AOAC 2018.11, U	218	3.014	2.91	3.088	2.98	0.88	1.77	0.38	2.98	0

CBN (%DW)

CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500						1
CBN (%DW)	505.10	Other LC-UV	189	0.0513	0.0515	0.0509	0.6	0.1	4.42	0.6	17.9	0
CBN (%DW)	505.10	Other LC-UV	204	0.0519	0.0531	0.0515	1.6	0.26	4.42	0.6	17.9	0
CBN (%DW)	505.99	Other	183	0.0528	0.0535	0.0553	2.39	0.39	4.42	0.6	17.9	0
CBN (%DW)	505.20	Other LC-MS	105	0.0453	0.0463	0.0481	3.05	0.48	4.42	0.6	17.9	0
CBN (%DW)	505.02	AOAC 2018.11, U	218	0.047	0.045	0.048	3.27	0.52	4.42	0.6	17.9	0
CBN (%DW)	505.10	Other LC-UV	162	0.0555	0.0551	0.0594	4.19	0.68	4.42	0.6	17.9	0
CBN (%DW)	505.10	Other LC-UV	116	0.0625	0.0677	0.0688	5.07	0.85	4.42	0.6	17.9	0
CBN (%DW)	505.20	Other LC-MS	102	0.053	0.0593	0.0554	5.69	0.92	4.42	0.6	17.9	0
CBN (%DW)	505.30	GC-FID	116	0.0702	0.0592	0.062	8.96	1.49	4.42	0.6	17.9	0
CBN (%DW)	505.10	Other LC-UV	192	0.062	0.0655	0.0461	17.9	2.92	4.42	0.6	17.9	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.254	0.2532	0.2552	0.4	0.08	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.1867	0.1827	0.1832	1.18	0.23	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.99	Other	183	0.2242	0.2249	0.2305	1.52	0.31	3.46	0.4	12.5	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)	506.40	GC-FID	138	0.2126	0.217	0.2197	1.66	0.33	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.217	0.218	0.211	1.76	0.35	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.2715	0.2703	0.2631	1.69	0.35	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.223	0.229	0.231	1.83	0.37	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1805	0.1754	0.1705	2.85	0.55	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2149	0.2133	0.2278	3.64	0.73	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	218	0.238	0.231	0.25	4.01	0.81	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	120	0.2327	0.2507	0.2352	4.07	0.82	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2366	0.2206	0.2198	4.2	0.84	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2247	0.234	0.2149	4.25	0.85	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2273	0.2478	0.2396	4.33	0.88	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1997	0.1874	0.1787	5.59	1.09	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2375	0.2387	0.2626	5.75	1.17	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.3054	0.3119	0.2665	8.33	1.74	3.46	0.4	12.5	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.304	0.2438	0.2498	12.5	2.56	3.46	0.4	12.5	0

Total CBD (%DW)

Total CBD (%DW)	507.01	AOAC 2018.10	210	8.821	8.762	8.723	0.56	0.2	2.56	0.56	12.7	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	8.9383	8.9571	8.8419	0.69	0.24	2.56	0.56	12.7	0
Total CBD (%DW)	507.10	Other LC-UV	189	7.8528	7.8791	7.7731	0.7	0.24	2.56	0.56	12.7	0
Total CBD (%DW)	507.99	Other	183	8.9163	8.8917	9.0306	0.83	0.29	2.56	0.56	12.7	0
Total CBD (%DW)	507.10	Other LC-UV	204	8.3601	8.2116	8.3195	0.92	0.32	2.56	0.56	12.7	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	172	9.9177	9.9622	9.7691	1.02	0.36	2.56	0.56	12.7	0
Total CBD (%DW)	507.10	Other LC-UV	116	8.5904	8.7772	8.5232	1.52	0.53	2.56	0.56	12.7	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	218	7.827	7.562	7.693	1.72	0.59	2.56	0.56	12.7	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.4834	9.1524	9.59	2.43	0.85	2.56	0.56	12.7	0
Total CBD (%DW)	507.40	GC-FID	138	9.6206	9.7488	9.2298	2.84	1	2.56	0.56	12.7	0
Total CBD (%DW)	507.30	Other LC-MS	105	7.45	8.01	7.69	3.64	1.24	2.56	0.56	12.7	0
Total CBD (%DW)	507.10	Other LC-UV	192	7.8619	8.5823	7.607	6.31	2.16	2.56	0.56	12.7	0
Total CBD (%DW)	507.40	GC-FID	116	9.9735	8.6386	9.013	7.48	2.61	2.56	0.56	12.7	0
Total CBD (%DW)	507.60	NIR	187	9.13	7.34	7.43	12.7	4.33	2.56	0.56	12.7	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	162	<0.0100	<0.0100	<0.0100						1
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.044	0.045	0.044	1.3	0.2				0
CBDV (%DW)	508.99	Other	183	0.0476	0.0454	0.0469	2.41	0.38				0
CBDV (%DW)	508.99	Other	189	0.0509	0.049	0.0458	5.31	0.84				0

CBDVA (%DW)

CBDVA (%DW)	509.99	Other	183	0.0471	0.0462	0.0474	1.33	0.21				0
CBDVA (%DW)	509.01	AOAC 2018.10	210	0.032	0.031	0.031	1.84	0.27				0

CBG (%DW)

CBG (%DW)	510.99	Other	189	0.1998	0.1997	0.1982	0.45	0.09	2.48	0.45	4.42	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	
CBG (%DW)	510.99	Other	204	0.1835	0.1875	0.1851	1.09	0.21	2.48	0.45	4.42	0
CBG (%DW)	510.99	Other	183	0.1898	0.1852	0.1925	1.95	0.38	2.48	0.45	4.42	0
CBG (%DW)	510.99	Other	105	0.14	0.144	0.15	3.48	0.65	2.48	0.45	4.42	0
CBG (%DW)	510.01	AOAC 2018.10	210	0.182	0.195	0.187	3.49	0.68	2.48	0.45	4.42	0
CBG (%DW)	510.99	Other	162	0.1944	0.1794	0.1933	4.42	0.86	2.48	0.45	4.42	0

CBGA (%DW)

CBGA (%DW)	511.99	Other	189	0.1736	0.1743	0.172	0.68	0.13				0
CBGA (%DW)	511.99	Other	204	0.1783	0.1775	0.1742	1.23	0.24				0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.158	0.161	0.156	1.59	0.3				0
CBGA (%DW)	511.99	Other	183	0.176	0.1776	0.1844	2.49	0.48				0
CBGA (%DW)	511.99	Other	162	0.1303	0.159	0.1384	10.4	1.94				0

THCV (%DW)

THCV (%DW)	512.99	Other	183	0	0	0						1
THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130						1
THCV (%DW)	512.99	Other	189	0.0521	0.0453	0.0454	8.19	1.3				0

Δ8-THC (%DW)

Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100						1
Δ8-THC (%DW)	513.99	Other	102	<0.0199	<0.0207	<0.0208						1
Δ8-THC (%DW)	513.99	Other	183	0	0	0						1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab RSDr	HorRat(r)	Population of Lab RSDr			Flag
									Rob Mean	min	max	
Δ8-THC (%DW)	513.99	Other	189	0.0126	0.0113	0.0113	6.4	0.82				0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.038	0.037	0.029	14.2	2.15				0
CBC (%DW)												
CBC (%DW)	514.99	Other	105	<0.0144	0.292	0.286						1
CBC (%DW)	514.99	Other	189	0.3398	0.3383	0.3383	0.26	0.05				0
CBC (%DW)	514.99	Other	204	0.2843	0.283	0.2802	0.74	0.15				0
CBC (%DW)	514.99	Other	183	0.2986	0.2973	0.3015	0.72	0.15				0
CBC (%DW)	514.99	Other	162	0.2875	0.2911	0.3056	3.25	0.68				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