

Hemp Proficiency Testing

All Labs Trueness

HM22SEP-2 (hemp)



Sample: HM22SEP-2 (hemp)

All Labs Trueness

Issue Date: November 18, 2022

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	124	0.1073	0.1759	0.1368	0.14	-2.1	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1073	0.1759	0.1368	0.14	-2.1	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	148	0.15	0.144	0.141	0.145	-1.87	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1664	0.1557	0.1521	0.158	-1.26	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1714	0.1676	0.1356	0.158	-1.25	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1629	0.1572	0.1597	0.16	-1.17	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.165	0.162	0.156	0.161	-1.12	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.166	0.166	0.166	0.166	-0.89	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.161	0.18	0.17	0.17	-0.69	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.173	0.171	0.173	0.172	-0.6	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1742	0.1731	0.1709	0.173	-0.58	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.1753	0.1716	0.172	0.173	-0.57	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.175	0.178	0.176	0.176	-0.41	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.176	0.174	0.178	0.176	-0.42	0.1851	42	0.0214	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)	001.99	Other	132	0.176	0.176	0.176	0.176	-0.42	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.1788	0.1906	0.1635	0.178	-0.35	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1792	0.1768	0.1797	0.179	-0.3	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.30	Other LC-MS	149	0.188	0.17	0.182	0.18	-0.24	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.99	Other	183	0.1805	0.1784	0.1843	0.181	-0.19	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	216	0.182	0.1818	0.1826	0.182	-0.14	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.1825	0.1856	0.1814	0.183	-0.09	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.19	0.18	0.18	0.183	-0.08	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1852	0.1901	0.1826	0.186	0.04	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.1804	0.188	0.1943	0.188	0.12	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1942	0.1862	0.1853	0.189	0.16	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.193	0.195	0.1812	0.19	0.22	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.193	0.1846	0.1991	0.192	0.33	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.1983	0.191	0.1889	0.193	0.36	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.2	0.2	0.19	0.197	0.54	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1972	0.2054	0.1901	0.198	0.58	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	170	0.1969	0.192	0.2101	0.2	0.68	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.2006	0.1986	0.1997	0.2	0.68	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.1925	0.2092	0.2022	0.201	0.76	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.1975	0.196	0.213	0.202	0.8	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.2056	0.205	0.1998	0.203	0.86	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	120	0.1998	0.2157	0.2014	0.206	0.96	0.1851	42	0.0214	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	163	0.2274	0.1964	0.1982	0.207	1.04	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	212	0.2155	0.2258	0.1894	0.21	1.17	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.221	0.219	0.215	0.218	1.55	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.60	NIR	187	0.28	0.21	0.21	0.233	2.25	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2461	0.246	0.2456	0.246	2.84	0.1851	42	0.0214	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2693	0.2679	0.2692	0.269	3.9	0.1851	42	0.0214	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ9-THCA (%AR)	002.10	Other LC-UV	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ9-THCA (%AR)	002.01	AOAC 2018.10	170	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ9-THCA (%AR)	002.10	Other LC-UV	216	<0.0450	<0.0478	<0.0459	<0.0450					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0472	<0.0483	<0.0483	<0.0472					1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0481	<0.0476	<0.0481	<0.0481					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0	0	0	0					2
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.02	0.01	0.01	0.0133	-1.19	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	124	0.0114	0.0183	0.013	0.0142	-1.08	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0114	0.0183	0.013	0.0142	-1.08	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.0149	0.0149	0.0144	0.0147	-1.03	0.0236	31	0.0086	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	113	0.0161	0.0152	0.0169	0.0161	-0.87	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0158	0.0152	0.0163	0.0158	-0.91	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.99	Other	132	0.016	0.017	0.017	0.0167	-0.8	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.0195	0.017	0.0148	0.0171	-0.75	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.60	NIR	187	<0.0100	0.02	0.02	0.0167	-0.8	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.30	Other LC-MS	149	0.018	0.019	0.018	0.0183	-0.61	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0193	0.0182	0.0175	0.0183	-0.61	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	120	0.0189	0.0184	0.0183	0.0185	-0.59	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0212	<0.0200	<0.0200	0.0204					1
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.0173	0.0215	0.021	0.0199	-0.42	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.018	0.022	0.021	0.0203	-0.38	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0215	0.0231	0.0229	0.0225	-0.13	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.0221	0.0235	0.0244	0.0233	-0.03	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	200	0.025	0.022	0.021	0.0227	-0.11	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0252	0.0247	0.0188	0.0229	-0.08	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0253	0.0255	0.0235	0.0248	0.13	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0233	0.0261	0.0254	0.0249	0.15	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0234	0.0236	0.0326	0.0265	0.34	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.029	0.026	0.026	0.027	0.39	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0279	0.0281	0.0279	0.028	0.5	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.037	0.0281	0.0232	0.0294	0.67	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	172	0.033	0.034	0.031	0.0327	1.05	0.0236	31	0.0086	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)	002.99	Other	183	0.0307	0.0339	0.0331	0.0326	1.04	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.035	0.035	0.032	0.034	1.2	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.0462	0.0458	0.0412	0.0444	2.4	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0434	0.0448	0.0458	0.0447	2.43	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.1199	0.1301	0.117	0.122	11.42	0.0236	31	0.0086	0
Δ9-THCA (%AR)	002.10	Other LC-UV	212	0.0423	0.268	0.2706	0.194	19.66	0.0236	31	0.0086	0

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	200	4.247	4.779	4.544	4.52	-1.44	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	155	4.29	4.49	4.79	4.52	-1.44	5.1612	33	0.444	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	4.6498	4.5665	4.4465	4.55	-1.37	5.1612	33	0.444	0
CBD (%AR)	003.02	AOAC 2018.11, U	161	4.805	4.714	4.513	4.68	-1.09	5.1612	33	0.444	0
CBD (%AR)	003.60	NIR	187	5.83	4.19	4.16	4.73	-0.98	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	212	4.6612	4.8891	4.9371	4.83	-0.75	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	189	4.8559	4.8731	4.8075	4.85	-0.71	5.1612	33	0.444	0
CBD (%AR)	003.99	Other	132	4.731	4.979	4.85	4.85	-0.69	5.1612	33	0.444	0
CBD (%AR)	003.01	AOAC 2018.10	152	4.6816	4.977	4.9076	4.86	-0.69	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	192	4.8181	5.2216	4.5666	4.87	-0.66	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	184	4.73	4.992	4.909	4.88	-0.64	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	113	4.8179	4.8793	4.9608	4.89	-0.62	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	149	4.824	5.029	5.057	4.97	-0.43	5.1612	33	0.444	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.97	5.01	5.03	5	-0.36	5.1612	33	0.444	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	204	5.065	4.9897	5.0496	5.03	-0.28	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	194	5.0441	5.0726	5.2719	5.13	-0.07	5.1612	33	0.444	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	5.1985	5.1465	5.203	5.18	0.05	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	142	5.24	5.21	5.2	5.22	0.13	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	191	4.9914	5.1467	5.5235	5.22	0.13	5.1612	33	0.444	0
CBD (%AR)	003.30	Other LC-MS	164	5.4839	5.1186	5.2269	5.28	0.26	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	106	5.29	5.28	5.29	5.29	0.28	5.1612	33	0.444	0
CBD (%AR)	003.01	AOAC 2018.10	170	5.21	5.2804	5.4943	5.33	0.38	5.1612	33	0.444	0
CBD (%AR)	003.99	Other	183	5.3446	5.3079	5.3812	5.34	0.41	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	196	5.4579	5.2924	5.3045	5.35	0.43	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	116	5.3538	5.5251	5.3468	5.41	0.56	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	216	5.5054	5.4488	5.4982	5.48	0.73	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	197	5.6594	5.5053	5.5063	5.56	0.89	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	144	5.8166	5.5695	5.4516	5.61	1.02	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	163	5.7896	5.5811	5.6559	5.68	1.16	5.1612	33	0.444	0
CBD (%AR)	003.30	Other LC-MS	102	5.3849	6.3048	5.5109	5.73	1.29	5.1612	33	0.444	0
CBD (%AR)	003.30	Other LC-MS	149	6.145	5.804	5.555	5.83	1.52	5.1612	33	0.444	0
CBD (%AR)	003.10	Other LC-UV	172	5.9	5.927	5.801	5.88	1.61	5.1612	33	0.444	0
CBD (%AR)	003.30	Other LC-MS	122	6.5885	6.588	6.5879	6.59	3.21	5.1612	33	0.444	0

CBDA (%AR)

CBDA (%AR)	004.10	Other LC-UV	212	2.3181	2.4476	2.5069	2.42	-1.96	3.0527	31	0.3205	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	
CBDA (%AR)	004.02	AOAC 2018.11, U	161	2.533	2.84	2.559	2.64	-1.28	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	200	2.469	2.791	2.646	2.64	-1.3	3.0527	31	0.3205	0
CBDA (%AR)	004.99	Other	132	2.608	2.715	2.645	2.66	-1.24	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	155	2.53	2.68	2.81	2.67	-1.18	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	192	2.6215	2.8839	2.5446	2.68	-1.15	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	149	2.701	2.839	2.87	2.8	-0.78	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	142	2.92	2.85	2.78	2.85	-0.63	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	189	2.8773	2.8859	2.8471	2.87	-0.57	3.0527	31	0.3205	0
CBDA (%AR)	004.30	Other LC-MS	122	2.8775	2.8771	2.878	2.88	-0.55	3.0527	31	0.3205	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	2.9816	2.9352	2.7322	2.88	-0.53	3.0527	31	0.3205	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	2.9	2.9	2.84	2.88	-0.54	3.0527	31	0.3205	0
CBDA (%AR)	004.30	Other LC-MS	149	2.981	3.085	3.094	3.05	0	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	116	3.0715	3.0757	3.0076	3.05	0	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	196	3.157	3.0734	3.0589	3.1	0.14	3.0527	31	0.3205	0
CBDA (%AR)	004.60	NIR	187	3.05	3.05	3.19	3.1	0.14	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	106	3.16	3.1	3.13	3.13	0.24	3.0527	31	0.3205	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	2.9858	3.3262	3.1036	3.14	0.27	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	204	3.1767	3.1035	3.1508	3.14	0.28	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	194	3.0834	3.0924	3.2297	3.14	0.26	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	216	3.2459	3.0823	3.145	3.16	0.33	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	184	2.994	3.306	3.224	3.17	0.38	3.0527	31	0.3205	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	3.2435	3.267	3.104	3.2	0.47	3.0527	31	0.3205	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	197	3.2726	3.1546	3.2019	3.21	0.49	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	144	3.4571	3.1862	3.3059	3.32	0.82	3.0527	31	0.3205	0
CBDA (%AR)	004.99	Other	183	3.3144	3.3302	3.3933	3.35	0.91	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	163	3.3147	3.2728	3.519	3.37	0.99	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	191	3.235	3.4394	3.5049	3.39	1.06	3.0527	31	0.3205	0
CBDA (%AR)	004.01	AOAC 2018.10	170	3.512	3.5464	3.5099	3.52	1.47	3.0527	31	0.3205	0
CBDA (%AR)	004.30	Other LC-MS	164	3.8155	3.6192	3.3667	3.6	1.71	3.0527	31	0.3205	0
CBDA (%AR)	004.10	Other LC-UV	172	3.683	3.699	3.64	3.67	1.94	3.0527	31	0.3205	0

CBN (%AR)

CBN (%AR)	005.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%AR)	005.10	Other LC-UV	216	<0.0676	<0.0718	<0.0688	<0.0676					1
CBN (%AR)	005.10	Other LC-UV	197	<0.0708	<0.0725	<0.0725	<0.0708					1
CBN (%AR)	005.10	Other LC-UV	149	0.042	<0.0250	<0.0250	0.0307					1
CBN (%AR)	005.10	Other LC-UV	142	0.0394	0.0384	0.0389	0.0389	-1.44	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	194	0.0385	0.0393	0.0413	0.0397	-1.35	0.0511	22	0.0085	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0409	0.0418	0.0424	0.0417	-1.11	0.0511	22	0.0085	0
CBN (%AR)	005.99	Other	132	0.042	0.043	0.043	0.0427	-1	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	144	0.0433	0.0425	0.0444	0.0434	-0.91	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	196	0.0492	0.0458	0.046	0.047	-0.49	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	189	0.0482	0.0484	0.0478	0.0481	-0.35	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	204	0.0487	0.0499	0.0484	0.049	-0.25	0.0511	22	0.0085	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)	005.10	Other LC-UV	200	0.049	0.049	0.048	0.0487	-0.29	0.0511	22	0.0085	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.042	0.046	0.058	0.0487	-0.29	0.0511	22	0.0085	0
CBN (%AR)	005.99	Other	183	0.0489	0.0495	0.0512	0.0499	-0.15	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	106	0.05	0.05	0.05	0.05	-0.13	0.0511	22	0.0085	0
CBN (%AR)	005.20	Other LC-MS	149	0.052	0.047	0.052	0.0503	-0.09	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	192	0.0561	0.0591	0.0412	0.0521	0.12	0.0511	22	0.0085	0
CBN (%AR)	005.20	Other LC-MS	102	0.0512	0.0546	0.0512	0.0523	0.14	0.0511	22	0.0085	0
CBN (%AR)	005.30	GC-FID	192	0.0559	0.0585	0.0591	0.0578	0.79	0.0511	22	0.0085	0
CBN (%AR)	005.30	GC-FID	138	0.0574	0.0553	0.0618	0.0582	0.83	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	212	0.0609	0.0564	0.0589	0.0587	0.9	0.0511	22	0.0085	0
CBN (%AR)	005.30	GC-FID	116	0.0658	0.0555	0.058	0.0598	1.02	0.0511	22	0.0085	0
CBN (%AR)	005.10	Other LC-UV	116	0.0585	0.0634	0.0644	0.0621	1.29	0.0511	22	0.0085	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.062	0.0634	0.0642	0.0632	1.42	0.0511	22	0.0085	0
CBN (%AR)	005.30	GC-FID	163	0.0602	0.0634	0.064	0.0625	1.35	0.0511	22	0.0085	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1112	0.1205	0.1176	0.116	-2.51	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.1173	0.192	0.1481	0.152	-1.52	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	124	0.1173	0.192	0.1481	0.152	-1.52	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.165	0.162	0.156	0.161	-1.29	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.161	0.18	0.17	0.17	-1.04	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.1835	0.1706	0.165	0.173	-0.96	0.2081	49	0.0365	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	0.1753	0.1716	0.172	0.173	-0.96	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.181	0.171	0.169	0.174	-0.94	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1792	0.1768	0.1797	0.179	-0.81	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	216	0.182	0.1818	0.1826	0.182	-0.71	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.179	0.1929	0.1792	0.184	-0.67	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1861	0.1841	0.1856	0.185	-0.63	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.188	0.1865	0.1852	0.187	-0.59	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.1804	0.188	0.1943	0.188	-0.56	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.187	0.187	0.194	0.189	-0.51	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1942	0.1862	0.1853	0.189	-0.54	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.99	Other	132	0.19	0.191	0.192	0.191	-0.47	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.196	0.187	0.198	0.194	-0.4	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.203	0.187	0.198	0.196	-0.33	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.197	0.197	0.194	0.196	-0.33	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2009	0.2123	0.18	0.198	-0.28	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1969	0.201	0.2035	0.2	-0.21	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2103	0.2017	0.2008	0.204	-0.11	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.2157	0.2054	0.1901	0.204	-0.12	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.2018	0.2062	0.2027	0.204	-0.12	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2074	0.2124	0.2032	0.208	-0.01	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2152	0.207	0.2042	0.209	0.02	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2172	0.2155	0.1985	0.21	0.06	0.2081	49	0.0365	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)	006.40	GC-FID	153	0.2059	0.2055	0.2194	0.21	0.06	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.99	Other	183	0.2074	0.2081	0.2132	0.21	0.04	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2216	0.2067	0.2059	0.211	0.09	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2	0.212	0.223	0.212	0.1	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2119	0.2049	0.2192	0.212	0.11	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.22	0.22	0.21	0.217	0.23	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2137	0.2135	0.2354	0.221	0.35	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	120	0.2164	0.2318	0.2174	0.222	0.38	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.2129	0.2321	0.2244	0.223	0.41	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.24	0.2196	0.221	0.227	0.51	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2387	0.2379	0.2398	0.239	0.84	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.2499	0.2488	0.2422	0.247	1.06	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.60	NIR	187	0.28	0.23	0.24	0.25	1.15	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	212	0.2526	0.2557	0.2467	0.252	1.19	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.201	0.293	0.299	0.264	1.54	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.2765	0.2817	0.2381	0.265	1.57	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2674	0.2723	0.2607	0.267	1.61	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2706	0.2707	0.2706	0.271	1.71	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.278	0.2734	0.2675	0.273	1.78	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.293			0.293					1
Total Δ9-THC (%AR)	006.60	NIR	138	0.225	0.32	0.35	0.298	2.47	0.2081	49	0.0365	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	152	0.3098	0.3115	0.3021	0.308	2.73	0.2081	49	0.0365	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)	007.40	GC-FID	192	4.4453	4.6196	4.6451	4.57	-4.12	7.8421	35	0.7939	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	5.68	6.142	6.095	5.97	-2.36	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	200	6.412	7.227	6.865	6.83	-1.27	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	155	6.51	6.84	7.26	6.87	-1.22	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	212	6.6942	7.0356	7.1357	6.96	-1.12	7.8421	35	0.7939	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	7.026	7.205	6.757	7	-1.07	7.8421	35	0.7939	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	7.2646	7.1407	6.8426	7.08	-0.96	7.8421	35	0.7939	0
Total CBD (%AR)	007.99	Other	132	7.02	7.363	7.171	7.18	-0.83	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	192	7.1172	7.7508	6.7982	7.22	-0.78	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	189	7.3793	7.404	7.3044	7.36	-0.6	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	149	7.193	7.518	7.574	7.43	-0.52	7.8421	35	0.7939	0
Total CBD (%AR)	007.60	NIR	187	8.51	6.87	6.96	7.45	-0.5	7.8421	35	0.7939	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	7.51	7.56	7.52	7.53	-0.39	7.8421	35	0.7939	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	7.3006	7.9673	7.5562	7.61	-0.29	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	142	7.8008	7.7095	7.6381	7.72	-0.16	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	204	7.851	7.7115	7.8129	7.79	-0.06	7.8421	35	0.7939	0
Total CBD (%AR)	007.40	GC-FID	163	8.0148	7.7617	7.591	7.79	-0.07	7.8421	35	0.7939	0
Total CBD (%AR)	007.40	GC-FID	169	8.1805	7.816	7.6339	7.88	0.04	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	194	7.7482	7.7846	8.1043	7.88	0.05	7.8421	35	0.7939	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	8.043	8.0117	7.9252	7.99	0.19	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	196	8.2266	7.9878	7.9871	8.07	0.28	7.8421	35	0.7939	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	116	8.0475	8.2225	7.9845	8.08	0.31	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	191	7.8284	8.163	8.5972	8.2	0.45	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	216	8.3521	8.152	8.2564	8.25	0.52	7.8421	35	0.7939	0
Total CBD (%AR)	007.99	Other	183	8.2513	8.2285	8.3571	8.28	0.55	7.8421	35	0.7939	0
Total CBD (%AR)	007.60	NIR	138	8.545	8.305	8.14	8.33	0.61	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	197	8.5295	8.2719	8.3144	8.37	0.67	7.8421	35	0.7939	0
Total CBD (%AR)	007.30	Other LC-MS	164	8.8302	8.2926	8.1794	8.43	0.75	7.8421	35	0.7939	0
Total CBD (%AR)	007.30	Other LC-MS	149	8.759	8.51	8.268	8.51	0.84	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	144	8.8492	8.3644	8.3515	8.52	0.86	7.8421	35	0.7939	0
Total CBD (%AR)	007.40	GC-FID	116	9.3431	8.0927	8.4434	8.63	0.99	7.8421	35	0.7939	0
Total CBD (%AR)	007.40	GC-FID	138	8.9087	9.0274	8.5468	8.83	1.24	7.8421	35	0.7939	0
Total CBD (%AR)	007.10	Other LC-UV	172	9.13	9.171	8.9933	9.1	1.58	7.8421	35	0.7939	0
Total CBD (%AR)	007.30	Other LC-MS	122	9.1119	9.1117	9.112	9.11	1.6	7.8421	35	0.7939	0
Total CBD (%AR)	007.40	GC-FID	170	10.1221	10.2369	8.3252	9.56	2.17	7.8421	35	0.7939	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	216	<0.0450	<0.0478	<0.0459	<0.0450					1
CBDV (%AR)	008.99	Other	197	<0.0472	<0.0483	<0.0483	<0.0472					1
CBDV (%AR)	008.99	Other	106	0.03	0.03	0.03	0.03	-2.19	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	196	0.0359	0.0366	0.0361	0.0362	-1.06	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	132	0.038	0.038	0.038	0.038	-0.73	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	194	0.038	0.0473	0.0421	0.0425	0.09	0.042	10	0.0055	0

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	142	0.043	0.0413	0.0421	0.0421	0.03	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	200	0.043	0.044	0.043	0.0433	0.25	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	183	0.0441	0.042	0.0434	0.0432	0.22	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	149	0.045	0.045	0.045	0.045	0.55	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	189	0.0478	0.046	0.043	0.0456	0.66	0.042	10	0.0055	0
CBDV (%AR)	008.99	Other	212	0.0538	0.0501	0.0533	0.0524	1.9	0.042	10	0.0055	0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	216	<0.0450	<0.0478	<0.0459	<0.0450					1
CBDVA (%AR)	009.99	Other	197	<0.0472	<0.0483	<0.0483	<0.0472					1
CBDVA (%AR)	009.99	Other	142	0.0304	0.029	0.0283	0.0292					0
CBDVA (%AR)	009.99	Other	196	0.0302	0.0297	0.0283	0.0294					0
CBDVA (%AR)	009.99	Other	149	0.03	0.032	0.031	0.031					0
CBDVA (%AR)	009.99	Other	212	0.0355	0.0374	0.0364	0.0364					0
CBDVA (%AR)	009.99	Other	183	0.0436	0.0427	0.0439	0.0434					0

CBG (%AR)

CBG (%AR)	010.99	Other	197	0.1188	0.1082	0.1034	0.11	-1.48	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	216	0.1135	0.1158	0.1174	0.116	-1.35	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	196	0.13	0.1292	0.1267	0.129	-1.02	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	142	0.143	0.138	0.139	0.14	-0.74	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	200	0.147	0.15	0.146	0.148	-0.55	0.1697	16	0.0402	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)	010.99	Other	149	0.143	0.154	0.15	0.149	-0.52	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	194	0.1717	0.1654	0.1678	0.168	-0.04	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	212	0.1689	0.173	0.1726	0.171	0.04	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	204	0.1723	0.1738	0.1761	0.174	0.11	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	183	0.1756	0.1714	0.1781	0.175	0.13	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	189	0.1878	0.1876	0.1862	0.187	0.43	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	132	0.199	0.202	0.2	0.2	0.76	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	106	0.21	0.21	0.19	0.203	0.84	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	155	0.204	0.204	0.214	0.207	0.94	0.1697	16	0.0402	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.201	0.204	0.217	0.207	0.94	0.1697	16	0.0402	0
CBG (%AR)	010.99	Other	122	0.2606	0.2601	0.2605	0.26	2.25	0.1697	16	0.0402	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	212	0.1113	0.1232	0.1295	0.121	-1.82	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	132	0.121	0.124	0.127	0.124	-1.68	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	106	0.14	0.14	0.15	0.143	-0.66	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	142	0.148	0.149	0.145	0.147	-0.45	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	196	0.1488	0.1451	0.1499	0.148	-0.42	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	149	0.144	0.154	0.155	0.151	-0.26	0.1559	14	0.0189	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.147	0.158	0.153	0.153	-0.17	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	197	0.1649	0.1637	0.1515	0.16	0.22	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	189	0.1631	0.1638	0.1616	0.163	0.37	0.1559	14	0.0189	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	204	0.1674	0.1636	0.1667	0.166	0.53	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	183	0.1629	0.1643	0.1706	0.166	0.53	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	216	0.1703	0.1665	0.1734	0.17	0.75	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	194	0.1725	0.1739	0.1819	0.176	1.07	0.1559	14	0.0189	0
CBGA (%AR)	011.99	Other	122	0.1995	0.1999	0.1996	0.2	2.31	0.1559	14	0.0189	0

THCV (%AR)

THCV (%AR)	012.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
THCV (%AR)	012.99	Other	200	<0.0050	<0.0050	<0.0050	<0.0050					1
THCV (%AR)	012.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1
THCV (%AR)	012.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
THCV (%AR)	012.99	Other	149	<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	216	<0.0450	<0.0478	<0.0459	<0.0450					1
THCV (%AR)	012.99	Other	197	<0.0472	<0.0483	<0.0483	<0.0472					1
THCV (%AR)	012.99	Other	183	0	0	0	0					2
THCV (%AR)	012.99	Other	132	0	0	0	0					2
THCV (%AR)	012.99	Other	212	0.0218	0.0223	0.03	0.0247					0
THCV (%AR)	012.99	Other	189	0.049	0.0426	0.0427	0.0448					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					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	
Δ8-THC (%AR)	013.99	Other	200	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	106	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%AR)	013.99	Other	102	<0.0192	<0.0190	<0.0192	<0.0192					1
Δ8-THC (%AR)	013.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
Δ8-THC (%AR)	013.99	Other	149	<0.0250	<0.0250	<0.0250	<0.0250					1
Δ8-THC (%AR)	013.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
Δ8-THC (%AR)	013.99	Other	216	<0.0450	<0.0478	<0.0459	<0.0450					1
Δ8-THC (%AR)	013.99	Other	197	<0.0472	<0.0483	<0.0483	<0.0472					1
Δ8-THC (%AR)	013.99	Other	183	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	189	0.0118	0.0106	0.0106	0.011					0
Δ8-THC (%AR)	013.99	Other	138	0.0705	0.0699	0.0757	0.072					0

CBC (%AR)

CBC (%AR)	014.99	Other	142	0.241	0.236	0.237	0.238	-2.1	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	155	0.248	0.245	0.261	0.251	-1.21	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	132	0.252	0.257	0.252	0.254	-1.06	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	204	0.267	0.2631	0.2658	0.265	-0.28	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	149	0.255	0.274	0.269	0.266	-0.23	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	196	0.2707	0.2636	0.2623	0.266	-0.26	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	212	0.26	0.268	0.2706	0.266	-0.22	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	216	0.2712	0.2603	0.2706	0.267	-0.14	0.2695	15	0.015	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.262	0.272	0.272	0.269	-0.05	0.2695	15	0.015	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)	014.99	Other	197	0.2745	0.2686	0.2715	0.272	0.14	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	194	0.274	0.2727	0.2802	0.276	0.41	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	183	0.2763	0.2751	0.279	0.277	0.49	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	106	0.29	0.29	0.27	0.283	0.92	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	200	0.298	0.306	0.299	0.301	2.1	0.2695	15	0.015	0
CBC (%AR)	014.99	Other	189	0.3193	0.3179	0.3179	0.318	3.26	0.2695	15	0.015	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Cd (ug/g AR)	101.04	ICP-MS	102	0.1661	0.1603	0.1308	0.152	-1.13	0.1794	6	0.0239	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.169	0.167	0.155	0.164	-0.66	0.1794	6	0.0239	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1921	0.1725	0.1635	0.176	-0.14	0.1794	6	0.0239	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.188	0.174	0.181	0.181	0.07	0.1794	6	0.0239	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.1955	0.1859	0.1919	0.191	0.49	0.1794	6	0.0239	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.201	0.227	0.209	0.212	1.38	0.1794	6	0.0239	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	102	0.202	0.1876	0.1565	0.182	-1.6	0.2232	7	0.0258	0
As (ug/g AR)	102.04	ICP-MS	197	0.2092	0.2003	0.2138	0.208	-0.6	0.2232	7	0.0258	0
As (ug/g AR)	102.04	ICP-MS	106	0.21	0.232	0.219	0.22	-0.11	0.2232	7	0.0258	0
As (ug/g AR)	102.04	ICP-MS	194	0.2275	0.2077	0.2422	0.226	0.1	0.2232	7	0.0258	0
As (ug/g AR)	102.04	ICP-MS	196	0.231	0.216	0.236	0.228	0.17	0.2232	7	0.0258	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
As (ug/g AR)	102.04	ICP-MS	162	0.2744	0.2487	<0.2000	0.241	0.69	0.2232	7	0.0258	0
As (ug/g AR)	102.04	ICP-MS	142	0.272	0.242	0.251	0.255	1.24	0.2232	7	0.0258	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	196	<0.0072	<0.0072	<0.0072	<0.0072					1
Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.2000	<0.0200	<0.0200					1
Hg (ug/g AR)	103.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0969	<0.0980	<0.0998	<0.0969					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Hg (ug/g AR)	103.04	ICP-MS	106	0.009	0.009	0.009	0.009					0
Hg (ug/g AR)	103.04	ICP-MS	102	0.0095	0.0095	0.0082	0.0091					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	194	0.5042	0.4468	0.6189	0.523	-2.29	0.6687	7	0.0636	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.6341	0.6698	0.6023	0.635	-0.52	0.6687	7	0.0636	0
Pb (ug/g AR)	104.04	ICP-MS	142	0.681	0.653	0.622	0.652	-0.26	0.6687	7	0.0636	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.664	0.694	0.657	0.672	0.05	0.6687	7	0.0636	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.6953	0.6873	0.7047	0.696	0.43	0.6687	7	0.0636	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.71	0.69	0.712	0.704	0.56	0.6687	7	0.0636	0
Pb (ug/g AR)	104.04	ICP-MS	162	0.7528	0.8199	0.6734	0.749	1.26	0.6687	7	0.0636	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Cu (ug/g AR)									
Cu (ug/g AR)	105.04	ICP-MS	196	10.8	11.3	11.1	11.1					0
Cu (ug/g AR)	105.04	ICP-MS	142	17.2	17.6	17.3	17.4					0
			Ni (ug/g AR)									
Ni (ug/g AR)	106.04	ICP-MS	196	2.38	2.47	2.41	2.42					0
Ni (ug/g AR)	106.04	ICP-MS	142	2.97	2.94	2.87	2.93					0
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	142	2.68	2.65	2.78	2.7					0
Cr (ug/g AR)	107.04	ICP-MS	197	3.7136	3.909	4.0047	3.88					0
Cr (ug/g AR)	107.04	ICP-MS	196	4.04	4.06	4.13	4.08					0
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	142	0.129	0.137	0.138	0.135					0
Se (ug/g AR)	108.04	ICP-MS	197	0.1505	0.1482	0.1696	0.156					0
Se (ug/g AR)	108.04	ICP-MS	196	0.157	0.161	0.171	0.163					0
			Ag (ug/g AR)									
Ag (ug/g AR)	109.04	ICP-MS	142	<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	
			Ba (ug/g AR)									
Ba (ug/g AR)	110.04	ICP-MS	142	65.5	67.1	65.5	66					0
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	58.3	59.9	58.2	58.8					0
			Sb (ug/g AR)									
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					1
			(-)-alpha-Bisabolol (%AR)									
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0214	0.0227	0.0244	0.0228					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0319	0.0327	0.0319	0.0322					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0615	0.0605	0.0571	0.0597					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0974	0.0956	0.101	0.098					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	212	0.1079	0.1205	0.1085	0.112					0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0334	0.034	0.0334	0.0336					0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0455	0.0459	0.0425	0.0446					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0507	0.0472	0.0483	0.0487					0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0501	0.0504	0.0521	0.0509					0
beta-Caryophyllene (%)	202.02	GC,MS	212	0.047	0.051	0.0685	0.0555					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0081	0.0096	0.0094	0.009					0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0151	0.0144	0.0134	0.0143					0
(-)-Caryophyllene oxide	203.02	GC,MS	212	0.0137	0.0139	0.0193	0.0156					0
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0213	0.0199	0.0211	0.0208					0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Geraniol (%AR)	204.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	0.013	0.0132	0.0129	0.013					0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0184	0.0186	0.0175	0.0182					0
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0202	0.0187	0.0185	0.0191					0
alpha-Humulene (%AR)	205.02	GC,MS	212	0.0188	0.0203	0.0256	0.0216					0
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0302	0.0302	0.0315	0.0306					0
d-Limonene (%AR)												
d-Limonene (%AR)	206.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)	206.02	GC,MS	194	0.0022	0.0022	0.0022	0.0022					0
Linalool (%AR)												
Linalool (%AR)	207.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	212	0.0005	0.0012	0.0018	0.0012					0
Linalool (%AR)	207.02	GC,MS	196	0.0015	0.0016	0.0016	0.0016					0
Linalool (%AR)	207.02	GC,MS	194	0.0057	0.0055	0.0055	0.0056					0
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.02	GC,MS	196	0.0013	0.0014	0.0014	0.0014					0
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0034	0.0036	0.0032	0.0034					0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Ocimene (%AR)	210.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)	211.02	GC,MS	194	0.0015	0.0015	0.0014	0.0015					0
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	0.0013	0.0014	0.0014	0.0014					0
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0005	<0.0005	<0.0005	<0.0005					1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Moisture (%AR)												
Moisture (%AR)	500.99	Other	132	1.94	2.34	1.95	2.08	-3.17	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	153	4.12	3.67	3.7	3.83	-2.16	7.5663	23	1.7318	0
Moisture (%AR)	500.99	Other	142	5.3	5.2	5.2	5.23	-1.35	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	189	6.03	6.03	6.03	6.03	-0.89	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	116	6.1	6.42	6.44	6.32	-0.72	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.52	6.52	6.52	6.52	-0.6	7.5663	23	1.7318	0
Moisture (%AR)	500.72	NIR	187	6.8	6.5	6.4	6.57	-0.58	7.5663	23	1.7318	0
Moisture (%AR)	500.99	Other	212	6.84	6.94	6.69	6.82	-0.43	7.5663	23	1.7318	0
Moisture (%AR)	500.99	Other	120	7.0694	7.5137	7.5376	7.37	-0.11	7.5663	23	1.7318	0
Moisture (%AR)	500.72	NIR	138	7.5	7.35	7.35	7.4	-0.1	7.5663	23	1.7318	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)	500.99	Other	102	6.9	7.9	7.6	7.47	-0.06	7.5663	23	1.7318	0
Moisture (%AR)	500.99	Other	224	7.1892	7.0935	8.4613	7.58	0.01	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	106	7.74	7.68	7.77	7.73	0.09	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	172	7.886	8.034	7.907	7.94	0.22	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	194	7.98	7.77	8.21	7.99	0.24	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	183	8.06	8.06	8.06	8.06	0.29	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	196	8.65	7.78	8.11	8.18	0.35	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	182	8.145	8.99	7.68	8.27	0.41	7.5663	23	1.7318	0
Moisture (%AR)	500.50	AOAC 930.15	210	9.32	8.92	8.88	9.04	0.85	7.5663	23	1.7318	0
Moisture (%AR)	500.99	Other	105	9.22	9.37	9.32	9.3	1	7.5663	23	1.7318	0
Moisture (%AR)	500.50	AOAC 930.15	192	9.4719	9.6885	10.6323	9.93	1.37	7.5663	23	1.7318	0
Moisture (%AR)	500.50	AOAC 930.15	199	10.0155	10.5553	10.3673	10.3	1.59	7.5663	23	1.7318	0
Moisture (%AR)	500.70	Commerc. Anal.	162	9.8	10.78	10.78	10.5	1.67	7.5663	23	1.7318	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.10	Other LC-UV	162	0.161	0.1585	0.1515	0.157	-2.22	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.1867	0.1827	0.1832	0.184	-1.07	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.194	0.195	0.187	0.192	-0.74	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.99	Other	183	0.1951	0.1928	0.1991	0.196	-0.59	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	218	0.198	0.191	0.203	0.197	-0.52	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1997	0.2117	0.1962	0.203	-0.3	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2135	0.2114	0.2125	0.212	0.12	0.2097	13	0.0238	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)	501.10	Other LC-UV	116	0.2054	0.2234	0.2158	0.215	0.22	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	120	0.2149	0.2332	0.2178	0.222	0.51	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.223	0.216	0.231	0.223	0.57	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2195	0.2191	0.2376	0.225	0.66	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2401	0.2379	0.2335	0.237	1.15	0.2097	13	0.0238	0
Δ9-THC (%DW)	501.60	NIR	187	0.3	0.23	0.22	0.25	1.69	0.2097	13	0.0238	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%DW)	502.30	Other LC-MS	102	<0.0524	<0.0203	<0.0189	<0.0524					1
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0	0	0	0					2
Δ9-THCA (%DW)	502.30	Other LC-MS	105	<0.0144	0.0147	<0.0144	0.0145					1
Δ9-THCA (%DW)	502.60	NIR	187	<0.0100	0.02	0.02	0.0167	-1.08	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	120	0.0203	0.0199	0.0198	0.02	-0.82	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0222	0.0194	0.0217	0.0211	-0.74	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.026	0.026	0.027	0.0263	-0.34	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0249	0.0278	0.0271	0.0266	-0.32	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.99	Other	183	0.0331	0.0366	0.0357	0.0351	0.33	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.0358	0.0369	0.0337	0.0355	0.36	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0462	0.0477	0.0487	0.0475	1.28	0.0308	9	0.0131	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	218	0.046	0.045	0.053	0.048	1.32	0.0308	9	0.0131	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)									
CBD (%DW)	503.60	NIR	187	6.25	4.48	4.44	5.06	-1.05	5.6295	12	0.5432	0
CBD (%DW)	503.02	AOAC 2018.11, U	218	5.184	5.01	4.985	5.06	-1.05	5.6295	12	0.5432	0
CBD (%DW)	503.10	Other LC-UV	189	5.1675	5.1858	5.116	5.16	-0.87	5.6295	12	0.5432	0
CBD (%DW)	503.30	Other LC-MS	105	5.03	5.45	5.23	5.24	-0.72	5.6295	12	0.5432	0
CBD (%DW)	503.10	Other LC-UV	204	5.3935	5.3771	5.3133	5.36	-0.49	5.6295	12	0.5432	0
CBD (%DW)	503.01	AOAC 2018.10	210	5.531	5.493	5.455	5.49	-0.25	5.6295	12	0.5432	0
CBD (%DW)	503.10	Other LC-UV	116	5.7149	5.8978	5.7075	5.77	0.26	5.6295	12	0.5432	0
CBD (%DW)	503.99	Other	183	5.7753	5.7357	5.8149	5.78	0.27	5.6295	12	0.5432	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	5.7771	5.7538	5.8048	5.78	0.27	5.6295	12	0.5432	0
CBD (%DW)	503.30	Other LC-MS	102	5.5723	6.847	5.9665	6.13	0.92	5.6295	12	0.5432	0
CBD (%DW)	503.10	Other LC-UV	162	6.4204	6.1808	6.4533	6.35	1.33	5.6295	12	0.5432	0
CBD (%DW)	503.10	Other LC-UV	172	6.409	6.4383	6.3015	6.38	1.39	5.6295	12	0.5432	0
			CBDA (%DW)									
CBDA (%DW)	504.30	Other LC-MS	105	2.76	2.92	2.8	2.83	-1.45	3.3788	11	0.381	0
CBDA (%DW)	504.02	AOAC 2018.11, U	218	3.014	2.91	3.088	3	-0.98	3.3788	11	0.381	0
CBDA (%DW)	504.10	Other LC-UV	189	3.0619	3.0711	3.0298	3.05	-0.85	3.3788	11	0.381	0
CBDA (%DW)	504.10	Other LC-UV	116	3.2787	3.2832	3.2106	3.26	-0.32	3.3788	11	0.381	0
CBDA (%DW)	504.60	NIR	187	3.28	3.26	3.41	3.32	-0.16	3.3788	11	0.381	0
CBDA (%DW)	504.10	Other LC-UV	204	3.3827	3.3551	3.3048	3.35	-0.08	3.3788	11	0.381	0
CBDA (%DW)	504.10	Other LC-UV	162	3.4926	3.3884	3.5771	3.49	0.28	3.3788	11	0.381	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)	504.02	AOAC 2018.11, U	199	3.6045	3.6525	3.463	3.57	0.51	3.3788	11	0.381	0
CBDA (%DW)	504.99	Other	183	3.5815	3.5987	3.6668	3.62	0.62	3.3788	11	0.381	0
CBDA (%DW)	504.01	AOAC 2018.10	210	3.751	3.727	3.726	3.73	0.93	3.3788	11	0.381	0
CBDA (%DW)	504.10	Other LC-UV	172	4.0007	4.0181	3.954	3.99	1.61	3.3788	11	0.381	0

CBN (%DW)

CBN (%DW)	505.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBN (%DW)	505.02	AOAC 2018.11, U	218	0.047	0.045	0.048	0.0467	-1.15	0.0551	10	0.0073	0
CBN (%DW)	505.20	Other LC-MS	105	0.0453	0.0463	0.0481	0.0466	-1.16	0.0551	10	0.0073	0
CBN (%DW)	505.10	Other LC-UV	189	0.0513	0.0515	0.0509	0.0512	-0.52	0.0551	10	0.0073	0
CBN (%DW)	505.10	Other LC-UV	204	0.0519	0.0531	0.0515	0.0522	-0.4	0.0551	10	0.0073	0
CBN (%DW)	505.99	Other	183	0.0528	0.0535	0.0553	0.0539	-0.17	0.0551	10	0.0073	0
CBN (%DW)	505.20	Other LC-MS	102	0.053	0.0593	0.0554	0.0559	0.11	0.0551	10	0.0073	0
CBN (%DW)	505.10	Other LC-UV	162	0.0555	0.0551	0.0594	0.0567	0.22	0.0551	10	0.0073	0
CBN (%DW)	505.10	Other LC-UV	192	0.062	0.0655	0.0461	0.0579	0.38	0.0551	10	0.0073	0
CBN (%DW)	505.30	GC-FID	116	0.0702	0.0592	0.062	0.0638	1.19	0.0551	10	0.0073	0
CBN (%DW)	505.10	Other LC-UV	116	0.0625	0.0677	0.0688	0.0663	1.54	0.0551	10	0.0073	0

Total Δ9-THC (%DW)

Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.1805	0.1754	0.1705	0.175	-1.77	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	204	0.1867	0.1827	0.1832	0.184	-1.49	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.1997	0.1874	0.1787	0.189	-1.34	0.23	18	0.0308	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)	506.01	AOAC 2018.10	210	0.217	0.218	0.211	0.215	-0.48	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2126	0.217	0.2197	0.216	-0.44	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2149	0.2133	0.2278	0.219	-0.37	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.2247	0.234	0.2149	0.225	-0.18	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.2366	0.2206	0.2198	0.226	-0.14	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.99	Other	183	0.2242	0.2249	0.2305	0.227	-0.11	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.223	0.229	0.231	0.228	-0.08	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.2273	0.2478	0.2396	0.238	0.27	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	218	0.238	0.231	0.25	0.24	0.31	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	120	0.2327	0.2507	0.2352	0.24	0.31	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2375	0.2387	0.2626	0.246	0.53	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.254	0.2532	0.2552	0.254	0.78	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.304	0.2438	0.2498	0.266	1.17	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.2715	0.2703	0.2631	0.268	1.25	0.23	18	0.0308	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.3054	0.3119	0.2665	0.295	2.1	0.23	18	0.0308	0

Total CBD (%DW)

Total CBD (%DW)	507.02	AOAC 2018.11, U	218	7.827	7.562	7.693	7.69	-1.15	8.6274	14	0.8148	0
Total CBD (%DW)	507.30	Other LC-MS	105	7.45	8.01	7.69	7.72	-1.12	8.6274	14	0.8148	0
Total CBD (%DW)	507.10	Other LC-UV	189	7.8528	7.8791	7.7731	7.84	-0.97	8.6274	14	0.8148	0
Total CBD (%DW)	507.60	NIR	187	9.13	7.34	7.43	7.97	-0.81	8.6274	14	0.8148	0
Total CBD (%DW)	507.10	Other LC-UV	192	7.8619	8.5823	7.607	8.02	-0.75	8.6274	14	0.8148	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)	507.10	Other LC-UV	204	8.3601	8.2116	8.3195	8.3	-0.41	8.6274	14	0.8148	0
Total CBD (%DW)	507.10	Other LC-UV	116	8.5904	8.7772	8.5232	8.63	0	8.6274	14	0.8148	0
Total CBD (%DW)	507.01	AOAC 2018.10	210	8.821	8.762	8.723	8.77	0.17	8.6274	14	0.8148	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	8.9383	8.9571	8.8419	8.91	0.35	8.6274	14	0.8148	0
Total CBD (%DW)	507.99	Other	183	8.9163	8.8917	9.0306	8.95	0.39	8.6274	14	0.8148	0
Total CBD (%DW)	507.40	GC-FID	116	9.9735	8.6386	9.013	9.21	0.71	8.6274	14	0.8148	0
Total CBD (%DW)	507.10	Other LC-UV	162	9.4834	9.1524	9.59	9.41	0.96	8.6274	14	0.8148	0
Total CBD (%DW)	507.40	GC-FID	138	9.6206	9.7488	9.2298	9.53	1.11	8.6274	14	0.8148	0
Total CBD (%DW)	507.10	Other LC-UV	172	9.9177	9.9622	9.7691	9.88	1.54	8.6274	14	0.8148	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.044	0.045	0.044	0.0443					0
CBDV (%DW)	508.99	Other	183	0.0476	0.0454	0.0469	0.0466					0
CBDV (%DW)	508.99	Other	189	0.0509	0.049	0.0458	0.0486					0

CBDVA (%DW)

CBDVA (%DW)	509.01	AOAC 2018.10	210	0.032	0.031	0.031	0.0313					0
CBDVA (%DW)	509.99	Other	183	0.0471	0.0462	0.0474	0.0469					0

CBG (%DW)

CBG (%DW)	510.99	Other	105	0.14	0.144	0.15	0.145	-4.41	0.1873	6	0.0097	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	
CBG (%DW)	510.99	Other	204	0.1835	0.1875	0.1851	0.185	-0.2	0.1873	6	0.0097	0
CBG (%DW)	510.01	AOAC 2018.10	210	0.182	0.195	0.187	0.188	0.08	0.1873	6	0.0097	0
CBG (%DW)	510.99	Other	183	0.1898	0.1852	0.1925	0.189	0.2	0.1873	6	0.0097	0
CBG (%DW)	510.99	Other	162	0.1944	0.1794	0.1933	0.189	0.18	0.1873	6	0.0097	0
CBG (%DW)	510.99	Other	189	0.1998	0.1997	0.1982	0.199	1.24	0.1873	6	0.0097	0

CBGA (%DW)

CBGA (%DW)	511.99	Other	162	0.1303	0.159	0.1384	0.143					0
CBGA (%DW)	511.01	AOAC 2018.10	210	0.158	0.161	0.156	0.158					0
CBGA (%DW)	511.99	Other	189	0.1736	0.1743	0.172	0.173					0
CBGA (%DW)	511.99	Other	204	0.1783	0.1775	0.1742	0.177					0
CBGA (%DW)	511.99	Other	183	0.176	0.1776	0.1844	0.179					0

THCV (%DW)

THCV (%DW)	512.02	AOAC 2018.11, U	210	<0.0130	<0.0130	<0.0130	<0.0130					1
THCV (%DW)	512.99	Other	183	0	0	0	0					2
THCV (%DW)	512.99	Other	189	0.0521	0.0453	0.0454	0.0476					0

Δ8-THC (%DW)

Δ8-THC (%DW)	513.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ8-THC (%DW)	513.99	Other	102	<0.0199	<0.0207	<0.0208	<0.0199					1
Δ8-THC (%DW)	513.99	Other	183	0	0	0	0					2

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Δ8-THC (%DW)	513.99	Other	189	0.0126	0.0113	0.0113	0.0117					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.038	0.037	0.029	0.0347					0

CBC (%DW)

CBC (%DW)	514.99	Other	105	<0.0144	0.292	0.286	0.197					0
CBC (%DW)	514.99	Other	204	0.2843	0.283	0.2802	0.282					0
CBC (%DW)	514.99	Other	162	0.2875	0.2911	0.3056	0.295					0
CBC (%DW)	514.99	Other	183	0.2986	0.2973	0.3015	0.299					0
CBC (%DW)	514.99	Other	189	0.3398	0.3383	0.3383	0.339					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.