

Hemp Proficiency Testing

All Labs Trueness

HM22NOV-1 (hemp)



Sample: HM22NOV-1 (hemp)

All Labs Trueness

Issue Date: January 20, 2023

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)	001.01	AOAC 2018.10	148	0.117	0.114	0.104	0.112	-3.35	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1205	0.1221	0.121	0.121	-2.95	0.192	40	0.024	0
Δ9-THC (%AR)	001.60	NIR	187	0.12	0.14	0.14	0.133	-2.45	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	182	0.1572	0.1533	0.147	0.153	-1.65	0.192	40	0.024	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.159	0.161	0.161	0.16	-1.32	0.192	40	0.024	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	161	0.1657	0.1679	0.1617	0.165	-1.12	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	113	0.1652	0.1648	0.1711	0.167	-1.04	0.192	40	0.024	0
Δ9-THC (%AR)	001.99	Other	132	0.175	0.171	0.165	0.17	-0.91	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1687	0.1794	0.1756	0.175	-0.73	0.192	40	0.024	0
Δ9-THC (%AR)	001.30	Other LC-MS	164	0.1779	0.1764	0.1696	0.175	-0.73	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1759	0.1813	0.1782	0.178	-0.57	0.192	40	0.024	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.187	0.17	0.177	0.178	-0.59	0.192	40	0.024	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	224	0.1866	0.1817	0.1785	0.182	-0.41	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	200	0.183	0.18	0.187	0.183	-0.36	0.192	40	0.024	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	149	0.177	0.189	0.182	0.183	-0.39	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	225	0.1843	0.1956	0.1708	0.184	-0.35	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.19	0.19	0.18	0.187	-0.22	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	191	0.1922	0.1836	0.1854	0.187	-0.21	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	204	0.193	0.19	0.1911	0.191	-0.03	0.192	40	0.024	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.1856	0.1977	0.2	0.194	0.1	0.192	40	0.024	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	120	0.1978	0.1982	0.1987	0.198	0.26	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.198	0.202	0.197	0.199	0.29	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	172	0.193	0.201	0.205	0.2	0.32	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	155	0.19	0.2	0.216	0.202	0.42	0.192	40	0.024	0
Δ9-THC (%AR)	001.99	Other	183	0.202	0.208	0.199	0.203	0.46	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	170	0.2124	0.2039	0.194	0.203	0.48	0.192	40	0.024	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.202	0.2025	0.2045	0.203	0.46	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	194	0.2046	0.2101	0.1975	0.204	0.5	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	217	0.1803	0.2118	0.2187	0.204	0.48	0.192	40	0.024	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	101	0.216	0.2022	0.2076	0.209	0.69	0.192	40	0.024	0
Δ9-THC (%AR)	001.30	Other LC-MS	122	0.2105	0.2124	0.2115	0.211	0.81	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	163	0.206	0.221	0.207	0.211	0.8	0.192	40	0.024	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	152	0.2235	0.2154	0.1935	0.211	0.78	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.205	0.2131	0.2167	0.212	0.82	0.192	40	0.024	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	175	0.2179	0.2142	0.2095	0.214	0.91	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.1989	0.2265	0.2199	0.215	0.96	0.192	40	0.024	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	189	0.2151	0.2138	0.2151	0.215	0.94	0.192	40	0.024	0
Δ9-THC (%AR)	001.01	AOAC 2018.10	115	0.24	0.23	0.24	0.237	1.86	0.192	40	0.024	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.2489	0.2288	0.2503	0.243	2.11	0.192	40	0.024	0
Δ9-THC (%AR)	001.10	Other LC-UV	116	0.2622	0.2574	0.2713	0.264	2.99	0.192	40	0.024	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0694	<0.0739	<0.0711	<0.0694					1
Δ9-THCA (%AR)	002.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
Δ9-THCA (%AR)	002.60	NIR	187	0.01	<0.0100	<0.0100	0.01					1
Δ9-THCA (%AR)	002.10	Other LC-UV	225	0.0497	0.0524	0.0466	0.0496	-2	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	196	0.0507	0.0516	0.0539	0.0521	-1.75	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	163	0.062	0.045	0.058	0.055	-1.46	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	103	0.055	0.056	0.055	0.0553	-1.43	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	161	0.0524	0.0589	0.0581	0.0565	-1.32	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	142	0.058	0.0583	0.0594	0.0586	-1.11	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	120	0.065	0.057	0.0611	0.061	-0.86	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	175	0.0628	0.0591	0.0642	0.062	-0.76	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	113	0.0616	0.0666	0.0645	0.0642	-0.55	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	0.064	0.065	0.0625	0.0638	-0.59	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	182	0.067	0.0657	0.059	0.0639	-0.58	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	148	0.064	0.067	0.064	0.065	-0.47	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	204	0.0643	0.0652	0.0665	0.0653	-0.44	0.0697	37	0.0101	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	200	0.066	0.064	0.067	0.0657	-0.4	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	0.0675	0.0626	0.0686	0.0662	-0.35	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	115	0.07	0.07	0.071	0.0703	0.06	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0811	0.0676	0.0612	0.07	0.02	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.30	Other LC-MS	164	0.0678	0.072	0.0727	0.0708	0.11	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.30	Other LC-MS	122	0.0686	0.0729	0.0707	0.0707	0.1	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	116	0.0689	0.0693	0.0783	0.0722	0.24	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.0722	0.0725	0.0723	0.0723	0.26	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	170	0.0611	0.0782	0.0763	0.0719	0.21	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	106	0.07	0.07	0.08	0.0733	0.36	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	191	0.077	0.0714	0.0719	0.0734	0.37	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	152	0.069	0.0811	0.0694	0.0732	0.34	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	194	0.075	0.0737	0.0703	0.073	0.32	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	149	0.068	0.081	0.074	0.0743	0.46	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	155	0.076	0.075	0.071	0.074	0.42	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	144	0.0778	0.0773	0.0751	0.0767	0.7	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0776	0.0736	0.0832	0.0781	0.83	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	217	0.0726	0.0698	0.0904	0.0776	0.78	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.01	AOAC 2018.10	101	0.0822	0.0736	0.0769	0.0776	0.78	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.30	Other LC-MS	102	0.0726	0.0834	0.0816	0.0792	0.94	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.99	Other	183	0.085	0.088	0.083	0.0853	1.55	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0945	0.0979	0.0974	0.0966	2.67	0.0697	37	0.0101	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	172	0.101	0.103	0.094	0.0993	2.94	0.0697	37	0.0101	0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	224	0.2738	0.243	0.2453	0.254	18.3	0.0697	37	0.0101	0

CBD (%AR)

CBD (%AR)	003.02	AOAC 2018.11, U	161	1.6398	1.6424	1.5972	1.63	-1.42	1.8349	31	0.1464	0
CBD (%AR)	003.99	Other	132	1.67	1.641	1.596	1.64	-1.36	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	155	1.52	1.61	1.8	1.64	-1.31	1.8349	31	0.1464	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	1.67	1.63	1.66	1.65	-1.24	1.8349	31	0.1464	0
CBD (%AR)	003.30	Other LC-MS	164	1.6482	1.6534	1.7512	1.68	-1.03	1.8349	31	0.1464	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	1.796	1.645	1.662	1.7	-0.91	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	196	1.6726	1.7454	1.7321	1.72	-0.81	1.8349	31	0.1464	0
CBD (%AR)	003.99	Other	183	1.863	1.53	1.806	1.73	-0.7	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	142	1.71	1.8	1.72	1.74	-0.63	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	144	1.832	1.7109	1.775	1.77	-0.43	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	184	1.698	1.768	1.841	1.77	-0.45	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	200	1.75	1.74	1.806	1.77	-0.47	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	192	1.8225	1.8164	1.7058	1.78	-0.36	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	189	1.8179	1.8133	1.8273	1.82	-0.1	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	149	1.794	1.802	1.864	1.82	-0.1	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	191	1.8717	1.8038	1.8055	1.83	-0.05	1.8349	31	0.1464	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	1.8445	1.85	1.846	1.85	0.08	1.8349	31	0.1464	0
CBD (%AR)	003.30	Other LC-MS	102	1.8234	1.7835	1.9669	1.86	0.16	1.8349	31	0.1464	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	1.882	1.8692	1.8701	1.87	0.27	1.8349	31	0.1464	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	1.8539	1.8779	1.874	1.87	0.23	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	172	1.837	2.01	1.89	1.91	0.53	1.8349	31	0.1464	0
CBD (%AR)	003.02	AOAC 2018.11, U	152	1.8106	2.0231	1.92	1.92	0.57	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	197	1.9204	1.8867	1.9431	1.92	0.56	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	194	1.9511	1.9714	1.8809	1.93	0.68	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	106	1.94	1.98	1.93	1.95	0.79	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	116	1.9432	1.975	1.9641	1.96	0.86	1.8349	31	0.1464	0
CBD (%AR)	003.30	Other LC-MS	122	1.9553	1.9849	1.9701	1.97	0.92	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	163	1.955	2.054	2.038	2.02	1.23	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	170	2.1422	2.1137	2.0862	2.11	1.91	1.8349	31	0.1464	0
CBD (%AR)	003.10	Other LC-UV	113	2.376	2.4	2.42	2.4	3.85	1.8349	31	0.1464	0
CBD (%AR)	003.60	NIR	187	2.23	2.45	2.69	2.46	4.25	1.8349	31	0.1464	0

CBDA (%AR)

CBDA (%AR)	004.60	NIR	187	0.55	0.41	<0.0100	0.323	-5.01	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	192	0.6943	0.6901	0.655	0.68	-2.36	0.996	28	0.1342	0
CBDA (%AR)	004.99	Other	132	0.822	0.789	0.774	0.795	-1.5	0.996	28	0.1342	0
CBDA (%AR)	004.02	AOAC 2018.11, U	161	0.8457	0.8328	0.8374	0.839	-1.17	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	155	0.835	0.874	0.954	0.888	-0.81	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	142	0.885	0.912	0.883	0.893	-0.76	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	196	0.869	0.911	0.9163	0.899	-0.72	0.996	28	0.1342	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	200	0.904	0.88	0.958	0.914	-0.61	0.996	28	0.1342	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	0.957	0.92	0.954	0.944	-0.39	0.996	28	0.1342	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	0.965	0.922	0.965	0.951	-0.34	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	189	0.9598	0.956	0.9533	0.956	-0.3	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	163	0.996	0.937	0.985	0.973	-0.17	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	197	0.9639	0.9704	0.9886	0.974	-0.16	0.996	28	0.1342	0
CBDA (%AR)	004.02	AOAC 2018.11, U	152	0.9508	1.0284	1.0308	1	0.05	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	116	1.0072	1.0291	1.0016	1.01	0.12	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	149	0.967	1.018	1.044	1.01	0.1	0.996	28	0.1342	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	1.0315	1.0345	1.0245	1.03	0.25	0.996	28	0.1342	0
CBDA (%AR)	004.30	Other LC-MS	122	1.0278	1.0256	1.0267	1.03	0.23	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	204	1.0447	1.048	1.0423	1.04	0.37	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	106	1.03	1.07	1.03	1.04	0.35	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	172	1.032	1.045	1.067	1.05	0.39	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	191	1.1397	1.0762	1.0727	1.1	0.75	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	144	1.1298	1.0942	1.1041	1.11	0.84	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	194	1.1457	1.1481	1.0948	1.13	1	0.996	28	0.1342	0
CBDA (%AR)	004.99	Other	183	1.14	1.193	1.163	1.17	1.26	0.996	28	0.1342	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	1.162	1.1689	1.1994	1.18	1.35	0.996	28	0.1342	0
CBDA (%AR)	004.30	Other LC-MS	164	1.1349	1.1907	1.2122	1.18	1.37	0.996	28	0.1342	0
CBDA (%AR)	004.10	Other LC-UV	184	1.8904	1.982	2.0366	1.97	7.25	0.996	28	0.1342	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)									
CBN (%AR)	005.10	Other LC-UV	197	<0.0694	<0.0739	<0.0711	<0.0694					1
CBN (%AR)	005.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
CBN (%AR)	005.10	Other LC-UV	192	0.0344	0.0358	0.036	0.0354	-2.37	0.0589	23	0.0099	0
CBN (%AR)	005.30	GC-FID	192	0.0478	0.0474	0.0458	0.047	-1.2	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	196	0.0465	0.0482	0.0493	0.048	-1.1	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	142	0.0507	0.0507	0.0499	0.0504	-0.85	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	144	0.0488	0.0503	0.0497	0.0496	-0.94	0.0589	23	0.0099	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0531	0.0496	0.0533	0.052	-0.69	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	149	0.055	0.053	0.053	0.0537	-0.53	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	194	0.0544	0.0548	0.0533	0.0542	-0.48	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	204	0.0562	0.0557	0.0565	0.0561	-0.28	0.0589	23	0.0099	0
CBN (%AR)	005.20	Other LC-MS	102	0.0524	0.0582	0.0612	0.0573	-0.16	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	200	0.056	0.056	0.058	0.0567	-0.22	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	172	0.055	0.059	0.056	0.0567	-0.22	0.0589	23	0.0099	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0575	0.056	0.059	0.0575	-0.14	0.0589	23	0.0099	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0615	0.0587	0.06	0.0601	0.12	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	189	0.0633	0.0631	0.063	0.0631	0.43	0.0589	23	0.0099	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0546	0.0628	0.0705	0.0626	0.38	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	106	0.07	0.06	0.06	0.0633	0.45	0.0589	23	0.0099	0
CBN (%AR)	005.99	Other	183	0.064	0.064	0.062	0.0633	0.45	0.0589	23	0.0099	0
CBN (%AR)	005.30	GC-FID	138	0.0627	0.0722	0.0672	0.0674	0.86	0.0589	23	0.0099	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)	005.20	Other LC-MS	122	0.071	0.0713	0.0711	0.0711	1.24	0.0589	23	0.0099	0
CBN (%AR)	005.10	Other LC-UV	116	0.0701	0.0798	0.0672	0.0724	1.37	0.0589	23	0.0099	0
CBN (%AR)	005.30	GC-FID	163	0.073	0.085	0.07	0.076	1.73	0.0589	23	0.0099	0
CBN (%AR)	005.30	GC-FID	116	0.0812	0.0803	0.0817	0.0811	2.25	0.0589	23	0.0099	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.60	NIR	187	0.13	0.14	0.14	0.137	-3.09	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	192	0.1373	0.1527	0.1451	0.145	-2.87	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	148	0.173	0.172	0.16	0.168	-2.27	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1759	0.1813	0.1782	0.178	-2.01	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1916	0.1814	0.1747	0.183	-1.9	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	182	0.2159	0.2108	0.1987	0.208	-1.24	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.2072	0.2101	0.2092	0.209	-1.23	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.99	Other	132	0.221	0.214	0.206	0.214	-1.1	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	161	0.2117	0.2195	0.2127	0.215	-1.08	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.2132	0.2247	0.2228	0.22	-0.93	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	114	0.2145	0.2305	0.2243	0.223	-0.86	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	225	0.2278	0.2415	0.2117	0.227	-0.76	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	164	0.2374	0.2396	0.2334	0.237	-0.51	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	200	0.241	0.236	0.246	0.241	-0.4	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.255	0.235	0.25	0.247	-0.25	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.236	0.26	0.247	0.248	-0.23	0.2565	47	0.0388	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	138	0.2389	0.2511	0.2555	0.249	-0.21	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	204	0.2494	0.2472	0.2494	0.249	-0.2	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.249	0.253	0.249	0.25	-0.16	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.2517	0.2519	0.2457	0.25	-0.17	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	120	0.2548	0.2482	0.2522	0.252	-0.12	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	191	0.26	0.25	0.25	0.253	-0.08	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.2581	0.2595	0.2593	0.259	0.06	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.2493	0.2708	0.2716	0.264	0.19	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	155	0.256	0.266	0.278	0.267	0.26	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	175	0.2729	0.2661	0.2657	0.268	0.3	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	194	0.2704	0.2747	0.2592	0.268	0.3	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.2544	0.2765	0.2773	0.269	0.33	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	153	0.2797	0.2678	0.2666	0.271	0.38	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	217	0.2439	0.2729	0.298	0.272	0.39	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	122	0.2707	0.2763	0.2735	0.273	0.44	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	116	0.2664	0.2805	0.2734	0.273	0.44	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	190	0.273	0.279		0.276	0.5	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	101	0.2881	0.2667	0.275	0.277	0.52	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.99	Other	183	0.277	0.285	0.271	0.278	0.54	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.2732	0.2809	0.2826	0.279	0.58	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	163	0.276	0.288	0.275	0.28	0.6	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	170	0.2767	0.2931	0.2709	0.28	0.61	0.2565	47	0.0388	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)	006.02	AOAC 2018.11, U	152	0.2925	0.2964	0.2628	0.284	0.7	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	172	0.2816	0.2913	0.2874	0.287	0.78	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.01	AOAC 2018.10	115	0.3	0.29	0.3	0.297	1.03	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.2979	0.2996	0.3005	0.299	1.1	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.3081	0.2837	0.3104	0.301	1.14	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	121	0.3	0.316	0.311	0.309	1.35	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	116	0.3227	0.3181	0.34	0.327	1.81	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.40	GC-FID	128	0.3548	0.2852	0.3535	0.331	1.92	0.2565	47	0.0388	0
Total Δ9-THC (%AR)	006.60	NIR	138	0.485	0.515	0.49	0.497	6.18	0.2565	47	0.0388	0

Total CBD (%AR)

Total CBD (%AR)	007.60	NIR	138	1.61	1.47	1.74	1.61	-4.61	2.6824	33	0.2332	0
Total CBD (%AR)	007.40	GC-FID	192	1.6368	1.659	1.6653	1.65	-4.41	2.6824	33	0.2332	0
Total CBD (%AR)	007.99	Other	132	2.392	2.334	2.275	2.33	-1.5	2.6824	33	0.2332	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	161	2.3815	2.3728	2.3316	2.36	-1.37	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	192	2.4314	2.4215	2.2802	2.38	-1.31	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	155	2.25	2.37	2.64	2.42	-1.13	2.6824	33	0.2332	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	2.51	2.43	2.5	2.48	-0.87	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	196	2.4348	2.5443	2.5357	2.5	-0.76	2.6824	33	0.2332	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	2.6353	2.4518	2.4987	2.53	-0.66	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	142	2.49	2.6	2.49	2.53	-0.67	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	200	2.543	2.512	2.646	2.57	-0.5	2.6824	33	0.2332	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.40	GC-FID	170	2.5371	2.7267	2.5677	2.61	-0.31	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	189	2.6596	2.6518	2.6633	2.66	-0.1	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	149	2.642	2.695	2.779	2.71	0.1	2.6824	33	0.2332	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	2.4653	2.7864	2.911	2.72	0.16	2.6824	33	0.2332	0
Total CBD (%AR)	007.30	Other LC-MS	164	2.6434	2.6977	2.8142	2.72	0.15	2.6824	33	0.2332	0
Total CBD (%AR)	007.60	NIR	187	2.71	2.81	2.69	2.74	0.23	2.6824	33	0.2332	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	2.7491	2.7573	2.7445	2.75	0.29	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	144	2.8231	2.6707	2.7435	2.75	0.27	2.6824	33	0.2332	0
Total CBD (%AR)	007.99	Other	183	2.863	2.577	2.826	2.76	0.31	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	197	2.7657	2.7377	2.8101	2.77	0.38	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	204	2.7982	2.7883	2.7842	2.79	0.46	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	191	2.87	2.75	2.75	2.79	0.46	2.6824	33	0.2332	0
Total CBD (%AR)	007.40	GC-FID	163	2.698	2.914	2.796	2.8	0.52	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	172	2.7421	2.9265	2.8258	2.83	0.64	2.6824	33	0.2332	0
Total CBD (%AR)	007.40	GC-FID	169	2.8274	2.8875	2.7979	2.84	0.67	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	116	2.8265	2.8775	2.8425	2.85	0.71	2.6824	33	0.2332	0
Total CBD (%AR)	007.30	Other LC-MS	122	2.8567	2.8843	2.8705	2.87	0.81	2.6824	33	0.2332	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	2.8731	2.903	2.9259	2.9	0.94	2.6824	33	0.2332	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	152	2.7594	3.0514	2.9507	2.92	1.02	2.6824	33	0.2332	0
Total CBD (%AR)	007.10	Other LC-UV	194	2.9559	2.9783	2.841	2.93	1.04	2.6824	33	0.2332	0
Total CBD (%AR)	007.40	GC-FID	116	2.9876	3.1874	3.1682	3.11	1.85	2.6824	33	0.2332	0
Total CBD (%AR)	007.40	GC-FID	138	2.961	3.2262	3.3319	3.17	2.1	2.6824	33	0.2332	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)									
CBDV (%AR)	008.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBDV (%AR)	008.99	Other	194	<0.0270	<0.0270	<0.0270	<0.0270					1
CBDV (%AR)	008.99	Other	197	<0.0463	<0.0493	<0.0474	<0.0463					1
CBDV (%AR)	008.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
CBDV (%AR)	008.99	Other	189	0.029	0.0258	0.0279	0.0276					0
CBDV (%AR)	008.99	Other	142	0.0294	0.0299	0.0288	0.0294					0
CBDV (%AR)	008.99	Other	200	0.031	0.031	0.032	0.0313					0
CBDV (%AR)	008.99	Other	183	0.034	0.036	0.034	0.0347					0
CBDV (%AR)	008.99	Other	106	0.09	0.08	0.07	0.08					0
			CBDVA (%AR)									
CBDVA (%AR)	009.99	Other	196	<0.0205	<0.0205	<0.0205	<0.0205					1
CBDVA (%AR)	009.99	Other	197	<0.0463	<0.0493	<0.0474	<0.0463					1
CBDVA (%AR)	009.99	Other	142	0.0263	0.0254	0.0255	0.0257					0
CBDVA (%AR)	009.99	Other	149	0.028	<0.0250	<0.0250	0.026					1
CBDVA (%AR)	009.99	Other	183	0.037	0.04	0.038	0.0383					0
			CBG (%AR)									
CBG (%AR)	010.99	Other	200	0.719	0.733	0.739	0.73	-0.96	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	197	0.738	0.7251	0.7336	0.732	-0.94	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	155	0.69	0.722	0.792	0.735	-0.9	0.7956	15	0.0676	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	132	0.757	0.736	0.719	0.737	-0.86	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	196	0.7161	0.7505	0.7506	0.739	-0.84	0.7956	15	0.0676	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.736	0.716	0.774	0.742	-0.79	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	142	0.763	0.782	0.755	0.767	-0.43	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	106	0.79	0.81	0.76	0.787	-0.13	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	149	0.795	0.804	0.838	0.812	0.25	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	172	0.83	0.856	0.787	0.824	0.43	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	204	0.8452	0.846	0.8498	0.847	0.76	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	183	0.856	0.845	0.853	0.851	0.82	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	194	0.8549	0.8732	0.834	0.854	0.86	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	189	0.8817	0.8791	0.8746	0.878	1.23	0.7956	15	0.0676	0
CBG (%AR)	010.99	Other	122	1.0097	0.9664	0.9881	0.988	2.85	0.7956	15	0.0676	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	132	1.086	1.023	1.025	1.04	-2.57	1.2139	13	0.066	0
CBGA (%AR)	011.02	AOAC 2018.11, U	125	1.17	1.06	1.2	1.14	-1.07	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	196	1.123	1.1592	1.1776	1.15	-0.92	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	142	1.14	1.18	1.18	1.17	-0.72	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	106	1.2	1.21	1.16	1.19	-0.36	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	204	1.1929	1.2008	1.2001	1.2	-0.24	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	189	1.2146	1.2104	1.2113	1.21	-0.03	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	149	1.216	1.256	1.252	1.24	0.42	1.2139	13	0.066	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	197	1.287	1.1793	1.273	1.25	0.49	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	172	1.283	1.303	1.209	1.26	0.77	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	194	1.2878	1.2971	1.2378	1.27	0.91	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	122	1.2842	1.2797	1.2819	1.28	1.03	1.2139	13	0.066	0
CBGA (%AR)	011.99	Other	183	1.288	1.29	1.304	1.29	1.21	1.2139	13	0.066	0

THCV (%AR)

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	197	<0.0463	<0.0493	<0.0474	<0.0463					1
THCV (%AR)	012.99	Other	132	<0.1000	<0.1000	<0.1000	<0.1000					1
THCV (%AR)	012.99	Other	200	0.02	0.02	0.021	0.0203					0
THCV (%AR)	012.99	Other	183	0.021	0.023	0.021	0.0217					0
THCV (%AR)	012.99	Other	189	0.0574	0.0567	0.0343	0.0495					0
THCV (%AR)	012.99	Other	142	0.0291	0.0262	0.298	0.118					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	142	<0.0022	<0.0022	<0.0022	<0.0022					1
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

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	102	<0.0197	<0.0095	<0.0199	<0.0197					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	197	<0.0463	<0.0493	<0.0474	<0.0463					1
Δ8-THC (%AR)	013.99	Other	183	0	0	0	0					2
Δ8-THC (%AR)	013.99	Other	189	0.0085	0.0079	0.0072	0.0079					0
Δ8-THC (%AR)	013.99	Other	138	0.0492	0.054	0.0535	0.0522					0

CBC (%AR)

CBC (%AR)	014.99	Other	132	0.163	0.16	0.154	0.159	-1.55	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	196	0.1595	0.1645	0.1629	0.162	-1.36	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	142	0.176	0.178	0.172	0.175	-0.59	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	197	0.175	0.1754	0.182	0.177	-0.46	0.1853	15	0.0169	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.178	0.175	0.179	0.177	-0.47	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	149	0.173	0.181	0.179	0.178	-0.45	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	155	0.176	0.177	0.185	0.179	-0.35	0.1853	15	0.0169	0
CBC (%AR)	014.02	AOAC 2018.11, U	103	0.17	0.173	0.196	0.18	-0.33	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	106	0.19	0.19	0.18	0.187	0.08	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	194	0.1931	0.1959	0.1856	0.192	0.37	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	204	0.1991	0.1958	0.2003	0.198	0.77	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	172	0.193	0.209	0.194	0.199	0.79	0.1853	15	0.0169	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	183	0.206	0.206	0.197	0.203	1.04	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	200	0.2	0.204	0.208	0.204	1.1	0.1853	15	0.0169	0
CBC (%AR)	014.99	Other	189	0.2086	0.2087	0.2087	0.209	1.38	0.1853	15	0.0169	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	224	<0.2225	<0.2061	<0.2166	<0.2225					1
Cd (ug/g AR)	101.04	ICP-MS	183	0.097	0.095	0.092	0.0947	-1.5	0.1262	7	0.0211	0
Cd (ug/g AR)	101.04	ICP-MS	196	0.118	0.107	0.111	0.112	-0.68	0.1262	7	0.0211	0
Cd (ug/g AR)	101.04	ICP-MS	102	0.1251	0.1274	0.1274	0.127	0.02	0.1262	7	0.0211	0
Cd (ug/g AR)	101.04	ICP-MS	142	0.135	0.136	0.117	0.129	0.15	0.1262	7	0.0211	0
Cd (ug/g AR)	101.04	ICP-MS	194	0.1322	0.1286	0.1273	0.129	0.15	0.1262	7	0.0211	0
Cd (ug/g AR)	101.04	ICP-MS	197	0.136	0.1459	0.1357	0.139	0.62	0.1262	7	0.0211	0
Cd (ug/g AR)	101.04	ICP-MS	106	0.165	0.15	0.142	0.152	1.24	0.1262	7	0.0211	0

As (ug/g AR)

As (ug/g AR)	102.04	ICP-MS	197	<0.0977	<0.0956	<0.0986	<0.0977					1
As (ug/g AR)	102.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
As (ug/g AR)	102.04	ICP-MS	183	0.07	0.073	0.077	0.0733	-1.3	0.0981	7	0.019	0
As (ug/g AR)	102.04	ICP-MS	102	0.0797	0.0877	0.0975	0.0883	-0.52	0.0981	7	0.019	0
As (ug/g AR)	102.04	ICP-MS	106	0.086	0.096	0.093	0.0917	-0.34	0.0981	7	0.019	0
As (ug/g AR)	102.04	ICP-MS	142	0.115	0.091	0.083	0.0963	-0.09	0.0981	7	0.019	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	196	0.101	0.0944	0.1	0.0985	0.02	0.0981	7	0.019	0
As (ug/g AR)	102.04	ICP-MS	194	0.1197	0.1254	0.1012	0.115	0.91	0.0981	7	0.019	0
As (ug/g AR)	102.04	ICP-MS	224	0.1377	0.1176	0.1143	0.123	1.32	0.0981	7	0.019	0

Hg (ug/g AR)

Hg (ug/g AR)	103.04	ICP-MS	194	<0.0200	<0.0200	<0.0200	<0.0200					1
Hg (ug/g AR)	103.04	ICP-MS	224	<0.0222	<0.0206	<0.0217	<0.0222					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	<0.0977	<0.0956	<0.0986	<0.0977					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	196	0.0083	0.0079	0.0085	0.0082					0
Hg (ug/g AR)	103.04	ICP-MS	102	0.0095	0.0091	0.0088	0.0091					0
Hg (ug/g AR)	103.04	ICP-MS	106	0.011	0.009	0.009	0.0097					0
Hg (ug/g AR)	103.04	ICP-MS	183	0.049	0.045	0.041	0.045					0

Pb (ug/g AR)

Pb (ug/g AR)	104.04	ICP-MS	142	0.464	0.524	0.481	0.49	-1.2	0.6152	9	0.105	0
Pb (ug/g AR)	104.04	ICP-MS	194	0.5172	0.4644	0.5176	0.5	-1.1	0.6152	9	0.105	0
Pb (ug/g AR)	104.04	ICP-MS	196	0.502	0.544	0.548	0.531	-0.8	0.6152	9	0.105	0
Pb (ug/g AR)	104.04	ICP-MS	183	0.569	0.558	0.667	0.598	-0.16	0.6152	9	0.105	0
Pb (ug/g AR)	104.04	ICP-MS	197	0.5526	0.6543	0.6269	0.611	-0.04	0.6152	9	0.105	0
Pb (ug/g AR)	104.04	ICP-MS	102	0.7783	0.6324	0.6436	0.685	0.66	0.6152	9	0.105	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Pb (ug/g AR)	104.04	ICP-MS	162	0.7167	0.6857	0.6594	0.687	0.69	0.6152	9	0.105	0
Pb (ug/g AR)	104.04	ICP-MS	224	0.8215	0.7051	0.5558	0.694	0.75	0.6152	9	0.105	0
Pb (ug/g AR)	104.04	ICP-MS	106	0.875	0.641	0.707	0.741	1.2	0.6152	9	0.105	0

Cu (ug/g AR)

Cu (ug/g AR)	105.04	ICP-MS	196	8.4	7.81	7.92	8.04					0
Cu (ug/g AR)	105.04	ICP-MS	142	13.62	14.2	12.7	13.5					0

Ni (ug/g AR)

Ni (ug/g AR)	106.04	ICP-MS	196	1.34	1.26	1.3	1.3					0
Ni (ug/g AR)	106.04	ICP-MS	142	1.965	1.3	0.965	1.41					0
Ni (ug/g AR)	106.04	ICP-MS	102	2.9943	2.8617	2.961	2.94					0

Cr (ug/g AR)

Cr (ug/g AR)	107.04	ICP-MS	142	0.7	0.643	0.621	0.655					0
Cr (ug/g AR)	107.04	ICP-MS	197	0.7828	0.8679	0.7859	0.812					0
Cr (ug/g AR)	107.04	ICP-MS	196	0.875	0.877	0.812	0.855					0

Se (ug/g AR)

Se (ug/g AR)	108.04	ICP-MS	142	0.108	0.085	0.078	0.0903					0
Se (ug/g AR)	108.04	ICP-MS	102	0.1157	0.1133	0.1107	0.113					0
Se (ug/g AR)	108.04	ICP-MS	197	0.1269	0.1376	0.1184	0.128					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Se (ug/g AR)	108.04	ICP-MS	196	0.138	0.129	0.135	0.134					0
Ag (ug/g AR)												
Ag (ug/g AR)	109.04	ICP-MS	142	<0.0500	<0.0500	<0.0500	<0.0500					1
Ag (ug/g AR)	109.04	ICP-MS	102	0.0049	0.0052	0.0045	0.0049					0
Ba (ug/g AR)												
Ba (ug/g AR)	110.04	ICP-MS	142	52.56	53.3	49.5	51.8					0
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	196	59.6	55.9	56.8	57.4					0
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					1
Sb (ug/g AR)	112.04	ICP-MS	102	0.0098	0.0131	0.0127	0.0119					0
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0155	0.0174	0.0153	0.0161					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0226	0.0239	0.0238	0.0234					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	194	0.0325	0.0325	0.0328	0.0326					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.056	0.055	0.061	0.0573					0
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0617	0.0547	0.0594	0.0586					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0136	0.0135	0.0117	0.0129					0
beta-Caryophyllene (%)	202.02	GC,MS	194	0.0141	0.013	0.0138	0.0136					0
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0171	0.0191	0.0177	0.018					0
beta-Caryophyllene (%)	202.02	GC,MS	183	0.016	0.02	0.019	0.0183					0
beta-Caryophyllene (%)	202.01	GC,FID	142	0.0229	0.0202	0.0224	0.0218					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	0.0049	0.0057	0.0059	0.0055					0
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.007	0.011	0.009	0.009					0
(-)-Caryophyllene oxide	203.02	GC,MS	194	0.0108	0.0099	0.0104	0.0104					0
(-)-Caryophyllene oxide	203.01	GC,FID	142	0.0134	0.0112	0.0133	0.0126					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	<0.0010	<0.0010	<0.0010	<0.0010					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
Geraniol (%AR)	204.02	GC,MS	183	<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	
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Humulene (%AR)	205.02	GC,MS	196	0.0062	0.0062	0.0054	0.0059					0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.006	0.006	0.007	0.0063					0
alpha-Humulene (%AR)	205.02	GC,MS	194	0.0072	0.0067	0.007	0.007					0
alpha-Humulene (%AR)	205.01	GC,FID	142	0.0134	0.0119	0.0132	0.0128					0
d-Limonene (%AR)												
d-Limonene (%AR)	206.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
d-Limonene (%AR)	206.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
d-Limonene (%AR)	206.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Linalool (%AR)	207.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Linalool (%AR)	207.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	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	
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					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	183	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)	208.02	GC,MS	194	0.0026	0.0026	0.0025	0.0026					0
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
Ocimene (%AR)	210.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					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
Ocimene (%AR)	210.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)												
alpha-Pinene (%AR)	211.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
alpha-Pinene (%AR)	211.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					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	183	<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	
alpha-Pinene (%AR)	211.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-beta-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	194	<0.0004	<0.0004	<0.0004	<0.0004					1
(-)-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	183	<0.0100	<0.0100	<0.0100	<0.0100					1
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	<0.0010	<0.0010	<0.0010	<0.0010					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
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
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
gamma-Terpinene (%A	214.02	GC,MS	183	<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	
			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	<0.0010	<0.0010	<0.0010	<0.0010					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	183	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinolene (%A	215.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
			Moisture (%AR)									
Moisture (%AR)	500.50	AOAC 930.15	210	2.887	2.8849	2.902	2.89	-2.17	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	153	3.83	3.45	3.41	3.56	-1.78	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	189	4.894	4.894	4.894	4.89	-1.02	6.6561	22	1.7359	0
Moisture (%AR)	500.99	Other	103	4.94	4.59	5.22	4.92	-1	6.6561	22	1.7359	0
Moisture (%AR)	500.99	Other	142	5	5	5	5	-0.95	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	116	5.21	5.25	5.2	5.22	-0.83	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	204	6.12	6.12	6.12	6.12	-0.31	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	106	6.39	6.16	5.87	6.14	-0.3	6.6561	22	1.7359	0
Moisture (%AR)	500.99	Other	102	6.6	6	6.5	6.37	-0.17	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	172	6.566	6.412	6.518	6.5	-0.09	6.6561	22	1.7359	0
Moisture (%AR)	500.99	Other	120	7.3324	6.2316	6.3837	6.65	0	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	196	7.13	6.43	6.47	6.68	0.01	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	182	6.125	6.745	7.16	6.68	0.01	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	183	7.2	7.1	7.15	7.15	0.28	6.6561	22	1.7359	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)	500.72	NIR	138	7.45	7.25	7.15	7.28	0.36	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	194	7.77	7.4	7.73	7.63	0.56	6.6561	22	1.7359	0
Moisture (%AR)	500.72	NIR	187	7.1	7.4	8.5	7.67	0.58	6.6561	22	1.7359	0
Moisture (%AR)	500.99	Other	224	9.0184	6.7916	8.5429	8.12	0.84	6.6561	22	1.7359	0
Moisture (%AR)	500.99	Other	105	8.42	8.31	8.32	8.35	0.98	6.6561	22	1.7359	0
Moisture (%AR)	500.50	AOAC 930.15	199	8.8079	8.6485	8.7914	8.75	1.21	6.6561	22	1.7359	0
Moisture (%AR)	500.70	Commerc. Anal.	162	8.57	9.8	8.91	9.09	1.4	6.6561	22	1.7359	0
Moisture (%AR)	500.50	AOAC 930.15	192	8.949	8.9837	9.4486	9.13	1.42	6.6561	22	1.7359	0

Δ9-THC (%DW)

Δ9-THC (%DW)	501.01	AOAC 2018.10	210	0.021	0.018	0.025	0.0213	-4.72	0.1961	13	0.037	0
Δ9-THC (%DW)	501.60	NIR	187	0.13	0.15	0.15	0.143	-1.42	0.1961	13	0.037	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	103	0.1673	0.1687	0.1611	0.166	-0.82	0.1961	13	0.037	0
Δ9-THC (%DW)	501.10	Other LC-UV	162	0.18	0.1682	0.1842	0.177	-0.5	0.1961	13	0.037	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	218	0.176	0.198	0.172	0.182	-0.38	0.1961	13	0.037	0
Δ9-THC (%DW)	501.10	Other LC-UV	204	0.2044	0.2024	0.2012	0.203	0.18	0.1961	13	0.037	0
Δ9-THC (%DW)	501.30	Other LC-MS	105	0.198	0.216	0.197	0.204	0.21	0.1961	13	0.037	0
Δ9-THC (%DW)	501.30	Other LC-MS	102	0.1988	0.2103	0.2138	0.208	0.31	0.1961	13	0.037	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	120	0.2135	0.2114	0.2122	0.212	0.44	0.1961	13	0.037	0
Δ9-THC (%DW)	501.10	Other LC-UV	172	0.2065	0.215	0.2193	0.214	0.47	0.1961	13	0.037	0
Δ9-THC (%DW)	501.02	AOAC 2018.11, U	199	0.2215	0.2217	0.2242	0.222	0.71	0.1961	13	0.037	0
Δ9-THC (%DW)	501.10	Other LC-UV	189	0.2261	0.2248	0.2262	0.226	0.8	0.1961	13	0.037	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	0.2767	0.2715	0.2863	0.278	2.22	0.1961	13	0.037	0

Δ9-THCA (%DW)

Δ9-THCA (%DW)	502.60	NIR	187	0.01	<0.0100	<0.0100	0.01					1
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	103	0.0579	0.0587	0.055	0.0572	-1.05	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.30	Other LC-MS	105	0.0598	0.0594	0.0518	0.057	-1.06	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.10	Other LC-UV	162	0.0669	0.0666	0.0628	0.0654	-0.61	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	120	0.0701	0.0608	0.0652	0.0654	-0.61	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.10	Other LC-UV	204	0.0681	0.069	0.0704	0.0692	-0.41	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	199	0.0702	0.0712	0.0685	0.07	-0.37	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.01	AOAC 2018.10	210	0.073	0.075	0.076	0.0747	-0.12	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.10	Other LC-UV	116	0.0727	0.0731	0.0826	0.0761	-0.04	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.30	Other LC-MS	102	0.0778	0.0887	0.0873	0.0846	0.4	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.02	AOAC 2018.11, U	218	0.096	0.101	0.095	0.0973	1.08	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.10	Other LC-UV	189	0.0993	0.1029	0.1024	0.102	1.3	0.077	12	0.0189	0
Δ9-THCA (%DW)	502.10	Other LC-UV	172	0.108	0.1102	0.1006	0.106	1.55	0.077	12	0.0189	0

CBD (%DW)

CBD (%DW)	503.02	AOAC 2018.11, U	103	1.8893	1.7241	1.7535	1.79	-1.74	1.9958	12	0.1188	0
CBD (%DW)	503.30	Other LC-MS	105	1.87	1.97	1.76	1.87	-1.09	1.9958	12	0.1188	0
CBD (%DW)	503.10	Other LC-UV	189	1.9114	1.9067	1.9213	1.91	-0.7	1.9958	12	0.1188	0
CBD (%DW)	503.01	AOAC 2018.10	210	1.951	1.956	1.957	1.95	-0.35	1.9958	12	0.1188	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBD (%DW)	503.02	AOAC 2018.11, U	218	1.97	1.99	1.953	1.97	-0.21	1.9958	12	0.1188	0
CBD (%DW)	503.30	Other LC-MS	102	1.953	1.8969	2.103	1.98	-0.1	1.9958	12	0.1188	0
CBD (%DW)	503.10	Other LC-UV	204	1.993	1.9795	1.9804	1.98	-0.1	1.9958	12	0.1188	0
CBD (%DW)	503.02	AOAC 2018.11, U	199	2.0227	2.0251	2.0239	2.02	0.24	1.9958	12	0.1188	0
CBD (%DW)	503.10	Other LC-UV	172	1.9651	2.1502	2.0218	2.05	0.42	1.9958	12	0.1188	0
CBD (%DW)	503.10	Other LC-UV	116	2.0502	2.0838	2.0723	2.07	0.61	1.9958	12	0.1188	0
CBD (%DW)	503.10	Other LC-UV	162	2.1321	2.1457	2.1599	2.15	1.26	1.9958	12	0.1188	0
CBD (%DW)	503.60	NIR	187	2.4	2.65	2.94	2.66	5.62	1.9958	12	0.1188	0

CBDA (%DW)

CBDA (%DW)	504.60	NIR	187	0.59	0.44	<0.0100	0.347	-4.84	1.0374	11	0.1427	0
CBDA (%DW)	504.30	Other LC-MS	105	0.897	0.883	0.825	0.868	-1.19	1.0374	11	0.1427	0
CBDA (%DW)	504.02	AOAC 2018.11, U	218	0.898	0.93	0.94	0.923	-0.8	1.0374	11	0.1427	0
CBDA (%DW)	504.02	AOAC 2018.11, U	103	1.0068	0.9643	1.007	0.993	-0.31	1.0374	11	0.1427	0
CBDA (%DW)	504.10	Other LC-UV	189	1.0092	1.0052	1.0024	1.01	-0.22	1.0374	11	0.1427	0
CBDA (%DW)	504.10	Other LC-UV	116	1.0627	1.0857	1.0568	1.07	0.22	1.0374	11	0.1427	0
CBDA (%DW)	504.10	Other LC-UV	204	1.1063	1.1098	1.1038	1.11	0.49	1.0374	11	0.1427	0
CBDA (%DW)	504.10	Other LC-UV	172	1.104	1.1179	1.1414	1.12	0.59	1.0374	11	0.1427	0
CBDA (%DW)	504.02	AOAC 2018.11, U	199	1.1311	1.1324	1.1232	1.13	0.64	1.0374	11	0.1427	0
CBDA (%DW)	504.10	Other LC-UV	162	1.1633	1.1494	1.1572	1.16	0.84	1.0374	11	0.1427	0
CBDA (%DW)	504.01	AOAC 2018.10	210	1.223	1.209	1.22	1.22	1.26	1.0374	11	0.1427	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBN (%DW)									
CBN (%DW)	505.10	Other LC-UV	192	0.0378	0.0393	0.0397	0.0389	-2.1	0.061	12	0.0105	0
CBN (%DW)	505.01	AOAC 2018.10	210	0.053	0.051	0.054	0.0527	-0.79	0.061	12	0.0105	0
CBN (%DW)	505.20	Other LC-MS	105	0.0537	0.0546	0.0506	0.053	-0.76	0.061	12	0.0105	0
CBN (%DW)	505.02	AOAC 2018.11, U	218	0.054	0.055	0.055	0.0547	-0.6	0.061	12	0.0105	0
CBN (%DW)	505.10	Other LC-UV	204	0.0595	0.059	0.0598	0.0594	-0.15	0.061	12	0.0105	0
CBN (%DW)	505.20	Other LC-MS	102	0.0562	0.0619	0.0654	0.0612	0.02	0.061	12	0.0105	0
CBN (%DW)	505.10	Other LC-UV	172	0.0588	0.0631	0.0599	0.0606	-0.04	0.061	12	0.0105	0
CBN (%DW)	505.10	Other LC-UV	162	0.0605	0.0619	0.0648	0.0624	0.14	0.061	12	0.0105	0
CBN (%DW)	505.02	AOAC 2018.11, U	199	0.0631	0.0613	0.0647	0.063	0.2	0.061	12	0.0105	0
CBN (%DW)	505.10	Other LC-UV	189	0.0665	0.0664	0.0663	0.0664	0.52	0.061	12	0.0105	0
CBN (%DW)	505.10	Other LC-UV	116	0.074	0.0842	0.0709	0.0764	1.46	0.061	12	0.0105	0
CBN (%DW)	505.30	GC-FID	116	0.0857	0.0847	0.0862	0.0855	2.34	0.061	12	0.0105	0
			Total Δ9-THC (%DW)									
Total Δ9-THC (%DW)	506.01	AOAC 2018.10	210	0.085	0.084	0.092	0.087	-3.47	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.60	NIR	187	0.139	0.151	0.153	0.148	-2.24	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	192	0.2105	0.1993	0.1929	0.201	-1.16	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	103	0.218	0.2202	0.2094	0.216	-0.86	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	182	0.23	0.2108	0.214	0.218	-0.81	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	162	0.2387	0.2266	0.2392	0.235	-0.47	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	105	0.25	0.268	0.242	0.253	-0.1	0.2582	18	0.0494	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)	506.10	Other LC-UV	204	0.2641	0.2618	0.2641	0.263	0.1	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.40	GC-FID	138	0.2577	0.2708	0.2726	0.267	0.18	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	218	0.26	0.286	0.256	0.267	0.18	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	120	0.275	0.2647	0.2694	0.27	0.23	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.40	GC-FID	153	0.2908	0.2774	0.276	0.281	0.47	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.30	Other LC-MS	102	0.267	0.2881	0.2904	0.282	0.48	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.02	AOAC 2018.11, U	199	0.2831	0.2841	0.2843	0.284	0.52	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.40	GC-FID	116	0.281	0.2959	0.2885	0.288	0.61	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	172	0.3012	0.3116	0.3075	0.307	0.98	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	189	0.3132	0.315	0.316	0.315	1.14	0.2582	18	0.0494	0
Total Δ9-THC (%DW)	506.10	Other LC-UV	116	0.3405	0.3357	0.3587	0.345	1.76	0.2582	18	0.0494	0

Total CBD (%DW)

Total CBD (%DW)	507.10	Other LC-UV	192	2.6703	2.6606	2.5181	2.62	-1.28	2.9462	14	0.2587	0
Total CBD (%DW)	507.30	Other LC-MS	105	2.66	2.74	2.48	2.63	-1.24	2.9462	14	0.2587	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	103	2.7722	2.5698	2.6363	2.66	-1.11	2.9462	14	0.2587	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	218	2.758	2.806	2.777	2.78	-0.64	2.9462	14	0.2587	0
Total CBD (%DW)	507.10	Other LC-UV	189	2.7965	2.7882	2.8004	2.8	-0.58	2.9462	14	0.2587	0
Total CBD (%DW)	507.10	Other LC-UV	204	2.9633	2.9528	2.9484	2.95	0.03	2.9462	14	0.2587	0
Total CBD (%DW)	507.60	NIR	187	2.92	3.03	2.94	2.96	0.07	2.9462	14	0.2587	0
Total CBD (%DW)	507.02	AOAC 2018.11, U	199	3.0147	3.0183	3.009	3.01	0.26	2.9462	14	0.2587	0
Total CBD (%DW)	507.10	Other LC-UV	116	2.9822	3.036	2.9991	3.01	0.23	2.9462	14	0.2587	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)	507.01	AOAC 2018.10	210	3.024	3.016	3.027	3.02	0.29	2.9462	14	0.2587	0
Total CBD (%DW)	507.10	Other LC-UV	172	2.9333	3.1306	3.0228	3.03	0.32	2.9462	14	0.2587	0
Total CBD (%DW)	507.10	Other LC-UV	162	3.1523	3.1537	3.1747	3.16	0.83	2.9462	14	0.2587	0
Total CBD (%DW)	507.40	GC-FID	116	3.1522	3.363	3.3427	3.29	1.31	2.9462	14	0.2587	0
Total CBD (%DW)	507.40	GC-FID	138	3.1936	3.4796	3.5936	3.42	1.84	2.9462	14	0.2587	0

CBDV (%DW)

CBDV (%DW)	508.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDV (%DW)	508.99	Other	189	0.0305	0.0272	0.0293	0.029					0
CBDV (%DW)	508.02	AOAC 2018.11, U	210	0.031	0.029	0.03	0.03					0

CBDVA (%DW)

CBDVA (%DW)	509.01	AOAC 2018.10	210	0.024	0.027	0.024	0.025					0
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CBG (%DW)

CBG (%DW)	510.99	Other	105	0.808	0.796	0.784	0.796	-2.63	0.8835	6	0.0333	0
CBG (%DW)	510.01	AOAC 2018.10	210	0.88	0.873	0.886	0.88	-0.11	0.8835	6	0.0333	0
CBG (%DW)	510.99	Other	172	0.8879	0.9157	0.8419	0.882	-0.05	0.8835	6	0.0333	0
CBG (%DW)	510.99	Other	162	0.8818	0.9174	0.8558	0.885	0.05	0.8835	6	0.0333	0
CBG (%DW)	510.99	Other	204	0.8951	0.8959	0.8999	0.897	0.41	0.8835	6	0.0333	0
CBG (%DW)	510.99	Other	189	0.9271	0.9243	0.9196	0.924	1.21	0.8835	6	0.0333	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			CBGA (%DW)									
CBGA (%DW)	511.99	Other	189	1.2771	1.2727	1.2736	1.27					0
CBGA (%DW)	511.99	Other	204	1.2633	1.2716	1.2709	1.27					0
CBGA (%DW)	511.99	Other	172	1.3725	1.3939	1.2933	1.35					0
CBGA (%DW)	511.01	AOAC 2018.10	210	1.404	1.393	1.39	1.4					0
CBGA (%DW)	511.99	Other	162	1.4879	1.5101	1.4391	1.48					0
			THCV (%DW)									
THCV (%DW)	512.02	AOAC 2018.11, U	210	0.019	0.016	<0.0130	0.016					0
THCV (%DW)	512.99	Other	189	0.0603	0.0596	0.0361	0.052					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	<0.0211	<0.0252	<0.0213	<0.0211					1
Δ8-THC (%DW)	513.99	Other	189	0.0089	0.0083	0.0076	0.0083					0
Δ8-THC (%DW)	513.01	AOAC 2018.10	210	0.021	0.018	0.025	0.0213					0
			CBC (%DW)									
CBC (%DW)	514.01	AOAC 2018.10	210	0.181	0.18	0.18	0.18	-1	0.1986	7	0.0183	0
CBC (%DW)	514.99	Other	162	0.1904	0.1526	0.1976	0.18	-1	0.1986	7	0.0183	0
CBC (%DW)	514.02	AOAC 2018.11, U	103	0.1788	0.182	0.2005	0.187	-0.63	0.1986	7	0.0183	0
CBC (%DW)	514.99	Other	105	0.194	0.214	0.193	0.2	0.1	0.1986	7	0.0183	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
CBC (%DW)	514.99	Other	204	0.2108	0.2073	0.2121	0.21	0.63	0.1986	7	0.0183	0
CBC (%DW)	514.99	Other	172	0.2065	0.2236	0.2075	0.213	0.76	0.1986	7	0.0183	0
CBC (%DW)	514.99	Other	189	0.2194	0.2195	0.2194	0.219	1.14	0.1986	7	0.0183	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.