

Hemp Proficiency Testing

All Labs Trueness

OL24NOV-1 (oil)



Sample: OL24NOV-1 (oil)

All Labs Trueness

Issue Date: December 21, 2024

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	184	0.1320	0.1279	0.1375	0.132	-1.25	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	142	0.1380	0.1350	0.1360	0.136	-1	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.30	Other LC-MS	190	0.1380	0.1360	0.1400	0.138	-0.9	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.1436	0.1457	0.1343	0.141	-0.69	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.1435	0.1410	0.1410	0.142	-0.65	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	162	0.1426	0.1399	0.1468	0.143	-0.57	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	173	0.1430	0.1430	0.1420	0.143	-0.59	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	210	0.1460	0.1450	0.1460	0.146	-0.4	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.1470	0.1480	0.1500	0.148	-0.23	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	149	0.1490	0.1520	0.1460	0.149	-0.18	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.1546	0.1445	0.1495	0.15	-0.15	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.1508	0.1502	0.1500	0.15	-0.1	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.1529	0.1566	0.1467	0.152	0.01	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	183	0.1580	0.1510	0.1560	0.155	0.2	0.1519	19	0.0155	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)	001.02	AOAC 2018.11, U	125	0.1756	0.1671	0.1542	0.166	0.89	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.1700	0.1700	0.1700	0.17	1.17	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.1776	0.1739	0.1704	0.174	1.43	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.1881	0.1869	0.1830	0.186	2.21	0.1519	19	0.0155	0
Δ9-THC (%AR)	001.10	Other LC-UV	213	0.2390	0.2420	0.2420	0.241	5.77	0.1519	19	0.0155	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	<0.0020	<0.0020	<0.0020	<0.0020					1
Δ9-THCA (%AR)	002.10	Other LC-UV	142	<0.0038	<0.0038	<0.0038	<0.0038					1
Δ9-THCA (%AR)	002.30	Other LC-MS	149	<0.0040	<0.0040	<0.0040	<0.0040					1
Δ9-THCA (%AR)	002.10	Other LC-UV	183	<0.0080	<0.0020	<0.0020	<0.0080					1
Δ9-THCA (%AR)	002.10	Other LC-UV	197	<0.0096	<0.0093	<0.0093	<0.0096					1
Δ9-THCA (%AR)	002.10	Other LC-UV	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ9-THCA (%AR)	002.10	Other LC-UV	184	<0.0100	<0.0100	<0.0100	<0.0100					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	210	<0.0120	<0.0120	<0.0120	<0.0120					1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0200	<0.0200	<0.0200	<0.0200					1
Δ9-THCA (%AR)	002.10	Other LC-UV	196	<0.0210	<0.0210	<0.0210	<0.0210					1
Δ9-THCA (%AR)	002.10	Other LC-UV	170	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ9-THCA (%AR)	002.10	Other LC-UV	106	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ9-THCA (%AR)	002.10	Other LC-UV	149	<0.0400	<0.0400	<0.0400	<0.0400					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0.0000	0.0000	0.0000	0					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	173	0.0000	0.0000	0.0000	0					0
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0015	0.0011	0.0013	0.0013					0
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	<0.0125	<0.0125	0.0125	0.0125					1

CBD (%AR)

CBD (%AR)	003.10	Other LC-UV	189	1.7158	1.7129	1.7058	1.71	-1.4	1.935	20	0.1595	0
CBD (%AR)	003.30	Other LC-MS	190	1.8450	1.7020	1.6720	1.74	-1.22	1.935	20	0.1595	0
CBD (%AR)	003.02	AOAC 2018.11, U	210	1.7710	1.7710	1.7820	1.77	-1.01	1.935	20	0.1595	0
CBD (%AR)	003.30	Other LC-MS	149	1.9190	1.6360	1.7740	1.78	-0.99	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	170	1.8371	1.7368	1.8596	1.81	-0.78	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	192	1.8246	1.8356	1.7865	1.82	-0.75	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	149	1.8210	1.7750	1.8890	1.83	-0.67	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	184	1.7828	1.9410	1.8161	1.85	-0.55	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	213	1.7040	1.9310	2.0870	1.91	-0.17	1.935	20	0.1595	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	1.9478	1.9806	1.9139	1.95	0.08	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	173	1.9500	1.9490	1.9490	1.95	0.09	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	196	2.0013	1.8853	1.9846	1.96	0.14	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	162	2.0169	1.9962	1.9770	2	0.39	1.935	20	0.1595	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	2.1316	2.0363	1.9653	2.04	0.69	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	197	2.0958	2.0428	2.0299	2.06	0.76	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	183	2.0100	2.0600	2.1300	2.07	0.83	1.935	20	0.1595	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	2.0985	2.0755	2.0850	2.09	0.95	1.935	20	0.1595	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)	003.02	AOAC 2018.11, U	125	2.1033	2.0987	2.0716	2.09	0.98	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	142	2.1300	2.1100	2.1200	2.12	1.16	1.935	20	0.1595	0
CBD (%AR)	003.10	Other LC-UV	106	2.1800	2.1600	2.2100	2.18	1.56	1.935	20	0.1595	0

CBDA (%AR)

CBDA (%AR)	004.02	AOAC 2018.11, U	125	<0.0020	<0.0020	<0.0020	<0.0020					1
CBDA (%AR)	004.10	Other LC-UV	142	<0.0038	<0.0038	<0.0038	<0.0038					1
CBDA (%AR)	004.30	Other LC-MS	149	<0.0040	<0.0040	<0.0040	<0.0040					1
CBDA (%AR)	004.10	Other LC-UV	183	<0.0040	<0.0040	<0.0040	<0.0040					1
CBDA (%AR)	004.10	Other LC-UV	197	<0.0096	<0.0093	<0.0093	<0.0096					1
CBDA (%AR)	004.10	Other LC-UV	184	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDA (%AR)	004.10	Other LC-UV	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBDA (%AR)	004.02	AOAC 2018.11, U	210	<0.0120	<0.0120	<0.0120	<0.0120					1
CBDA (%AR)	004.10	Other LC-UV	196	<0.0210	<0.0210	<0.0210	<0.0210					1
CBDA (%AR)	004.10	Other LC-UV	170	<0.0300	<0.0300	<0.0300	<0.0300					1
CBDA (%AR)	004.10	Other LC-UV	106	<0.0300	<0.0300	<0.0300	<0.0300					1
CBDA (%AR)	004.10	Other LC-UV	149	<0.0400	<0.4000	<0.4000	<0.0400					1
CBDA (%AR)	004.02	AOAC 2018.11, U	199	<0.0500	<0.0500	<0.0500	<0.0500					1
CBDA (%AR)	004.10	Other LC-UV	173	0.0000	0.0000	0.0000	0	-0.76	0.0049	7	0.0065	0
CBDA (%AR)	004.10	Other LC-UV	192	0.0000	0.0000	0.0000	0	-0.76	0.0049	7	0.0065	0
CBDA (%AR)	004.30	Other LC-MS	190	0.0020	0.0020	0.0020	0.002	-0.45	0.0049	7	0.0065	0
CBDA (%AR)	004.10	Other LC-UV	189	0.0028	0.0033	0.0034	0.0032	-0.27	0.0049	7	0.0065	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)	004.02	AOAC 2018.11, U	103	0.0029	0.0031	0.0041	0.0034	-0.24	0.0049	7	0.0065	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	0.0116	0.0108	0.0114	0.0113	0.97	0.0049	7	0.0065	0
CBDA (%AR)	004.01	AOAC 2018.10	228	4.8890	4.9120	4.9010	4.9	750.08	0.0049	7	0.0065	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBN (%AR)	005.10	Other LC-UV	142	<0.0113	<0.0113	<0.0113	<0.0113					1
CBN (%AR)	005.10	Other LC-UV	196	<0.0210	<0.0210	<0.0210	<0.0210					1
CBN (%AR)	005.10	Other LC-UV	106	<0.0300	<0.0300	<0.0300	<0.0300					1
CBN (%AR)	005.10	Other LC-UV	149	<0.0400	<0.0400	<0.0400	<0.0400					1
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	173	<0.0510	<0.0490	<0.0500	<0.0510					1
CBN (%AR)	005.10	Other LC-UV	192	0.0029	0.0028	0.0027	0.0028	-3.48	0.0103	9	0.0021	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0095	0.0092	0.0092	0.0093	-0.45	0.0103	9	0.0021	0
CBN (%AR)	005.10	Other LC-UV	213	0.0087	0.0091	0.0079	0.0086	-0.79	0.0103	9	0.0021	0
CBN (%AR)	005.10	Other LC-UV	189	0.0093	0.0095	0.0098	0.0095	-0.34	0.0103	9	0.0021	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0109	0.0116	0.0117	0.0114	0.53	0.0103	9	0.0021	0
CBN (%AR)	005.20	Other LC-MS	190	0.0110	0.0100	0.0110	0.0107	0.19	0.0103	9	0.0021	0
CBN (%AR)	005.20	Other LC-MS	149	0.0120	0.0100	0.0100	0.0107	0.19	0.0103	9	0.0021	0
CBN (%AR)	005.10	Other LC-UV	183	0.0110	0.0120	0.0120	0.0117	0.66	0.0103	9	0.0021	0
CBN (%AR)	005.10	Other LC-UV	197	0.0148	0.0151	0.0144	0.0148	2.1	0.0103	9	0.0021	0
CBN (%AR)	005.30	GC-FID	138	<0.0200	<0.0200	0.0214	0.0205					1

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)												
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.1290	0.1210	0.1250	0.125	-2.2	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	142	0.1380	0.1350	0.1350	0.136	-1.23	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.1436	0.1457	0.1343	0.141	-0.77	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.1435	0.1410	0.1410	0.142	-0.71	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.1426	0.1399	0.1468	0.143	-0.6	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	173	0.1430	0.1430	0.1430	0.143	-0.61	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	210	0.1460	0.1450	0.1460	0.146	-0.37	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.1470	0.1480	0.1500	0.148	-0.13	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	149	0.1490	0.1520	0.1460	0.149	-0.07	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.1476	0.1526	0.1474	0.149	-0.06	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.1546	0.1445	0.1495	0.15	-0.03	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.1521	0.1512	0.1512	0.152	0.15	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.1529	0.1566	0.1467	0.152	0.2	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	183	0.1580	0.1510	0.1560	0.155	0.46	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	149	0.1510	0.1680	0.1600	0.16	0.87	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	125	0.1756	0.1671	0.1542	0.166	1.4	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.1881	0.1869	0.1830	0.186	3.2	0.1498	18	0.0113	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.6238	0.6186	0.6105	0.618	41.46	0.1498	18	0.0113	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Total CBD (%AR)									
Total CBD (%AR)	007.10	Other LC-UV	142	2.1300	0.2130	0.2130	0.852	-6.16	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	189	1.7182	1.7158	1.7088	1.71	-1.26	1.937	16	0.1761	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	210	1.7710	1.7710	1.7820	1.77	-0.92	1.937	16	0.1761	0
Total CBD (%AR)	007.30	Other LC-MS	149	1.9190	1.6360	1.7740	1.78	-0.91	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	192	1.8246	1.8356	1.7865	1.82	-0.69	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	149	1.8210	1.7750	1.8890	1.83	-0.62	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	173	1.9500	1.9490	1.9490	1.95	0.07	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	196	2.0013	1.8853	1.9846	1.96	0.11	1.937	16	0.1761	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	1.9580	1.9901	1.9239	1.96	0.12	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	162	2.0169	1.9962	1.9770	2	0.34	1.937	16	0.1761	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	2.1341	2.0390	1.9689	2.05	0.63	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	197	2.0958	2.0428	2.0299	2.06	0.68	1.937	16	0.1761	0
Total CBD (%AR)	007.10	Other LC-UV	183	2.0100	2.0600	2.1300	2.07	0.74	1.937	16	0.1761	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	2.0985	2.0755	2.0850	2.09	0.85	1.937	16	0.1761	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	2.1033	2.0987	2.0716	2.09	0.88	1.937	16	0.1761	0
Total CBD (%AR)	007.40	GC-FID	138	2.3794	2.4317	2.3114	2.37	2.48	1.937	16	0.1761	0
			CBDV (%AR)									
CBDV (%AR)	008.99	Other	173	<0.0510	<0.0490	<0.0500	<0.0510					1
CBDV (%AR)	008.99	Other	149	0.0280	0.0210	0.0250	0.0247	-1.38	0.0282	9	0.0026	0
CBDV (%AR)	008.99	Other	196	0.0264	0.0246	0.0259	0.0256	-1	0.0282	9	0.0026	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	189	0.0278	0.0277	0.0277	0.0277	-0.18	0.0282	9	0.0026	0
CBDV (%AR)	008.99	Other	162	0.0281	0.0262	0.0285	0.0276	-0.24	0.0282	9	0.0026	0
CBDV (%AR)	008.99	Other	197	0.0288	0.0271	0.0265	0.0275	-0.29	0.0282	9	0.0026	0
CBDV (%AR)	008.99	Other	142	0.0296	0.0291	0.0294	0.0294	0.45	0.0282	9	0.0026	0
CBDV (%AR)	008.02	AOAC 2018.11, U	210	0.0290	0.0300	0.0290	0.0293	0.44	0.0282	9	0.0026	0
CBDV (%AR)	008.99	Other	106	0.0300	0.0300	0.0300	0.03	0.7	0.0282	9	0.0026	0
CBDV (%AR)	008.02	AOAC 2018.11, U	183	0.0406	0.0361	0.0481	0.0416	5.22	0.0282	9	0.0026	0

CBDVA (%AR)

CBDVA (%AR)	009.02	AOAC 2018.11, U	183	<0.0020	<0.0020	<0.0020	<0.0020					1
CBDVA (%AR)	009.99	Other	142	<0.0038	<0.0038	<0.0038	<0.0038					1
CBDVA (%AR)	009.99	Other	197	<0.0096	<0.0093	<0.0093	<0.0096					1
CBDVA (%AR)	009.02	AOAC 2018.11, U	210	<0.0120	<0.0120	<0.0120	<0.0120					1
CBDVA (%AR)	009.99	Other	196	<0.0210	<0.0210	<0.0210	<0.0210					1
CBDVA (%AR)	009.99	Other	149	<0.0400	<0.0400	<0.0400	<0.0400					1
CBDVA (%AR)	009.99	Other	173	0.0000	0.0000	0.0000	0					0

CBG (%AR)

CBG (%AR)	010.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
CBG (%AR)	010.99	Other	173	<0.0510	<0.0490	<0.0500	<0.0510					1
CBG (%AR)	010.99	Other	197	0.0296	0.0194	0.0146	0.0212	-1.92	0.0339	9	0.0066	0
CBG (%AR)	010.99	Other	149	0.0360	0.0300	0.0200	0.0287	-0.79	0.0339	9	0.0066	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	162	0.0318	0.0301	0.0321	0.0313	-0.38	0.0339	9	0.0066	0
CBG (%AR)	010.99	Other	142	0.0321	0.0321	0.0308	0.0317	-0.33	0.0339	9	0.0066	0
CBG (%AR)	010.99	Other	196	0.0359	0.0328	0.0336	0.0341	0.04	0.0339	9	0.0066	0
CBG (%AR)	010.02	AOAC 2018.11, U	183	0.0360	0.0385	0.0337	0.0361	0.33	0.0339	9	0.0066	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.0345	0.0364	0.0378	0.0362	0.36	0.0339	9	0.0066	0
CBG (%AR)	010.02	AOAC 2018.11, U	210	0.0400	0.0380	0.0390	0.039	0.78	0.0339	9	0.0066	0
CBG (%AR)	010.99	Other	189	0.0481	0.0472	0.0488	0.048	2.14	0.0339	9	0.0066	0

CBGA (%AR)

CBGA (%AR)	011.02	AOAC 2018.11, U	125	<0.0020	<0.0020	<0.0020	<0.0020					1
CBGA (%AR)	011.99	Other	142	<0.0038	<0.0038	<0.0038	<0.0038					1
CBGA (%AR)	011.02	AOAC 2018.11, U	183	<0.0050	<0.0050	<0.0050	<0.0050					1
CBGA (%AR)	011.99	Other	189	<0.0050	<0.0050	<0.0050	<0.0050					1
CBGA (%AR)	011.99	Other	197	<0.0096	<0.0093	<0.0093	<0.0096					1
CBGA (%AR)	011.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBGA (%AR)	011.02	AOAC 2018.11, U	210	<0.0120	<0.0120	<0.0120	<0.0120					1
CBGA (%AR)	011.99	Other	196	<0.0210	<0.0210	<0.0210	<0.0210					1
CBGA (%AR)	011.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
CBGA (%AR)	011.99	Other	149	<0.0400	<0.0400	<0.0400	<0.0400					1
CBGA (%AR)	011.99	Other	173	0.0000	0.0000	0.0000	0					0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			THCV (%AR)									
THCV (%AR)	012.99	Other	142	<0.0038	<0.0038	<0.0038	<0.0038					1
THCV (%AR)	012.02	AOAC 2018.11, U	183	<0.0070	<0.0070	<0.0070	<0.0070					1
THCV (%AR)	012.99	Other	197	<0.0096	<0.0093	<0.0093	<0.0096					1
THCV (%AR)	012.02	AOAC 2018.11, U	210	<0.0120	<0.0120	<0.0120	<0.0120					1
THCV (%AR)	012.99	Other	196	<0.0210	<0.0210	<0.0210	<0.0210					1
THCV (%AR)	012.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
THCV (%AR)	012.99	Other	173	0.0000	0.0000	0.0000	0					0
THCV (%AR)	012.99	Other	189	0.0071	0.0047	0.0075	0.0064					0
			Δ8-THC (%AR)									
Δ8-THC (%AR)	013.99	Other	189	0.3549	0.3511	0.3503	0.352	-2.37	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	149	0.3770	0.3840	0.3650	0.375	-1.51	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	196	0.4021	0.3793	0.3963	0.393	-0.88	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	173	0.4040	0.4010	0.3970	0.401	-0.58	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	162	0.4211	0.3878	0.4174	0.409	-0.28	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	142	0.4140	0.4130	0.4020	0.41	-0.25	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	197	0.4354	0.4209	0.4189	0.425	0.32	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	138	0.4293	0.4247	0.4237	0.426	0.35	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	106	0.4300	0.4200	0.4300	0.427	0.37	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	183	0.4310	0.4180	0.4310	0.427	0.37	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	199	0.4335	0.4260	0.4255	0.428	0.44	0.4165	14	0.0272	0

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)	013.02	AOAC 2018.11, U	210	0.4180	0.4430	0.4410	0.434	0.64	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.03	AOAC 2018.11, M	139	0.4462	0.4447	0.4401	0.444	1	0.4165	14	0.0272	0
Δ8-THC (%AR)	013.99	Other	213	0.5125	0.5730	0.6275	0.571	5.68	0.4165	14	0.0272	0

CBC (%AR)

CBC (%AR)	014.99	Other	149	0.0810	0.0840	0.0790	0.0813	-1.24	0.0867	10	0.0043	0
CBC (%AR)	014.99	Other	189	0.0820	0.0817	0.0816	0.0818	-1.14	0.0867	10	0.0043	0
CBC (%AR)	014.99	Other	142	0.0851	0.0843	0.0818	0.0837	-0.69	0.0867	10	0.0043	0
CBC (%AR)	014.02	AOAC 2018.11, U	183	0.0871	0.0873	0.0819	0.0854	-0.29	0.0867	10	0.0043	0
CBC (%AR)	014.99	Other	162	0.0880	0.0849	0.0863	0.0864	-0.07	0.0867	10	0.0043	0
CBC (%AR)	014.99	Other	196	0.0886	0.0841	0.0888	0.0872	0.1	0.0867	10	0.0043	0
CBC (%AR)	014.99	Other	173	0.0870	0.0890	0.0870	0.0877	0.22	0.0867	10	0.0043	0
CBC (%AR)	014.99	Other	197	0.0910	0.0914	0.0888	0.0904	0.85	0.0867	10	0.0043	0
CBC (%AR)	014.99	Other	106	0.0900	0.0900	0.0900	0.09	0.76	0.0867	10	0.0043	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.0933	0.0948	0.0916	0.0932	1.5	0.0867	10	0.0043	0

Cd (ug/g AR)

Cd (ug/g AR)	101.04	ICP-MS	183	<0.0010	<0.0010	<0.0010	<0.0010					1
Cd (ug/g AR)	101.04	ICP-MS	196	<0.0482	<0.0482	<0.0482	<0.0482					1
Cd (ug/g AR)	101.04	ICP-MS	106	<0.0800	<0.0800	<0.0800	<0.0800					1
Cd (ug/g AR)	101.04	ICP-MS	197	<0.0943	<0.0988	<0.0942	<0.0943					1
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Cd (ug/g AR)	101.04	ICP-MS	142	0.0016	0.0014	0.0008	0.0013					0
As (ug/g AR)												
As (ug/g AR)	102.04	ICP-MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
As (ug/g AR)	102.04	ICP-MS	106	<0.0800	<0.0800	<0.0800	<0.0800					1
As (ug/g AR)	102.04	ICP-MS	197	<0.0943	<0.0988	<0.0942	<0.0943					1
As (ug/g AR)	102.04	ICP-MS	196	<0.0963	<0.0963	<0.0963	<0.0963					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	142	0.0170	0.0135	0.0104	0.0136					0
Hg (ug/g AR)												
Hg (ug/g AR)	103.04	ICP-MS	106	<0.0080	<0.0080	<0.0080	<0.0080					1
Hg (ug/g AR)	103.04	ICP-MS	183	<0.0120	<0.0120	<0.0120	<0.0120					1
Hg (ug/g AR)	103.04	ICP-MS	196	<0.0144	<0.0144	<0.0144	<0.0144					1
Hg (ug/g AR)	103.04	ICP-MS	197	<0.0943	<0.0988	<0.0942	<0.0943					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	142	0.0011	0.0060	<0.0005	0.0025					0
Pb (ug/g AR)												
Pb (ug/g AR)	104.04	ICP-MS	142	<0.0005	<0.0005	<0.0050	<0.0005					1
Pb (ug/g AR)	104.04	ICP-MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
Pb (ug/g AR)	104.04	ICP-MS	196	<0.0482	<0.0482	<0.0482	<0.0482					1

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	106	<0.0800	<0.0800	<0.0800	<0.0800					1
Pb (ug/g AR)	104.04	ICP-MS	197	<0.0943	<0.0988	<0.0942	<0.0943					1
Pb (ug/g AR)	104.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Cu (ug/g AR)												
Cu (ug/g AR)	105.04	ICP-MS	196	<0.9786	<0.9786	<0.9786	<0.9786					1
Ni (ug/g AR)												
Ni (ug/g AR)	106.04	ICP-MS	196	<0.1445	<0.1445	<0.1445	<0.1445					1
Ni (ug/g AR)	106.04	ICP-MS	183	0.0860	0.1010	0.0950	0.094					0
Cr (ug/g AR)												
Cr (ug/g AR)	107.04	ICP-MS	196	<0.1445	<0.1445	<0.1445	<0.1445					1
Se (ug/g AR)												
Se (ug/g AR)	108.04	ICP-MS	197	<0.0943	<0.0988	<0.0942	<0.0943					1
Se (ug/g AR)	108.04	ICP-MS	196	<0.1927	<0.1927	<0.1927	<0.1927					1
Zn (ug/g AR)												
Zn (ug/g AR)	111.04	ICP-MS	196	<10.0000	<10.0000	<10.0000	<10.0000					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Sb (ug/g AR)												
Sb (ug/g AR)	112.04	ICP-MS	196	<0.0482	<0.0482	<0.0482	<0.0482					1
(-)-alpha-Bisabolol (%AR)												
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
(-)-alpha-Bisabolol (%A	201.01	GC,FID	142	0.0186	0.0176	0.0177	0.018					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	196	0.0225	0.0220	0.0183	0.0209					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.0211	0.0300	0.0224	0.0245					0
beta-Caryophyllene (%AR)												
beta-Caryophyllene (%)	202.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
beta-Caryophyllene (%)	202.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Caryophyllene (%)	202.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Caryophyllene (%)	202.02	GC,MS	196	0.0078	0.0082	0.0081	0.008					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.01	GC,FID	142	<0.0050	<0.0050	<0.0050	<0.0050					1
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.0158	<0.0158	<0.0158	<0.0158					1
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0108	0.0094	0.0089	0.0097					0
Geraniol (%AR)												
Geraniol (%AR)	204.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Geraniol (%AR)	204.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
Geraniol (%AR)	204.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Geraniol (%AR)	204.02	GC,MS	196	<0.5040	<0.5040	<0.5040	<0.5040					1
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
alpha-Humulene (%AR)	205.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
alpha-Humulene (%AR)	205.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
alpha-Humulene (%AR)	205.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
d-Limonene (%AR)												
d-Limonene (%AR)	206.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
d-Limonene (%AR)	206.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
d-Limonene (%AR)	206.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
d-Limonene (%AR)	206.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)												
Linalool (%AR)	207.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Linalool (%AR)	207.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
Linalool (%AR)	207.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					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	183	<0.0020	<0.0020	<0.0020	<0.0020					1
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
beta-Myrcene (%AR)	208.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Nopinene (%AR)												
Nopinene (%AR)	209.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Ocimene (%AR)												
Ocimene (%AR)	210.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
Ocimene (%AR)	210.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
Ocimene (%AR)	210.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					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	<0.0010	<0.0010	<0.0010	<0.0010					1
alpha-Pinene (%AR)	211.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
alpha-Pinene (%AR)	211.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
alpha-Pinene (%AR)	211.02	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-Pinene (%AR)												
(-)-beta-Pinene (%AR)	212.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
alpha-Terpinene (%AR)	213.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
alpha-Terpinene (%AR)	213.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
gamma-Terpinene (%A	214.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinolene (%AR)												
alpha-Terpinolene (%A	215.01	GC,FID	142	<0.0010	<0.0010	<0.0010	<0.0010					1
alpha-Terpinolene (%A	215.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
alpha-Terpinolene (%A	215.02	GC,MS	196	<0.0078	<0.0078	<0.0078	<0.0078					1
alpha-Terpinolene (%A	215.02	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	
Moisture (%AR)												
Moisture (%AR)	500.99	Other	142	2.2000	3.0000	1.8000	2.33					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.