

Hemp Proficiency Testing

All Labs Trueness

OL23NOV-1 (oil)



Sample: OL23NOV-1 (oil)

All Labs Trueness

Issue Date: January 7, 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)	001.01	AOAC 2018.10	210	<0.0670	<0.0690	<0.0700	<0.0670					1
Δ9-THC (%AR)	001.10	Other LC-UV	192	0.0033	0.0031	0.0028	0.0031	-5.98	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.10	Other LC-UV	197	0.058	0.0521	0.0561	0.0554	-1.25	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	103	0.058	0.057	0.055	0.0567	-1.14	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.99	Other	215	0.0628	0.0597	0.0624	0.0616	-0.69	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.10	Other LC-UV	106	0.06	0.06	0.07	0.0633	-0.54	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	125	0.0676	0.0659	0.0664	0.0666	-0.24	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.10	Other LC-UV	144	0.0694	0.0666	0.0667	0.0676	-0.16	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.30	Other LC-MS	190	0.068	0.067		0.0675	-0.16	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.10	Other LC-UV	196	0.0702	0.0674	0.0692	0.0689	-0.03	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.10	Other LC-UV	189	0.0742	0.0732	0.0716	0.073	0.34	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.30	Other LC-MS	102	0.076	0.065	0.08	0.0737	0.4	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.10	Other LC-UV	184	0.076	0.08	0.073	0.0763	0.64	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.02	AOAC 2018.11, U	199	0.0775	0.0785	0.0765	0.0775	0.74	0.0693	16	0.0111	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	162	0.0726	0.0869	0.0817	0.0804	1	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.03	AOAC 2018.11, M	139	0.0891	0.0802	0.0754	0.0816	1.11	0.0693	16	0.0111	0
Δ9-THC (%AR)	001.99	Other	183	0.0858	0.0854	0.086	0.0857	1.49	0.0693	16	0.0111	0

Δ9-THCA (%AR)

Δ9-THCA (%AR)	002.30	Other LC-MS	190	<0.0010	<0.0010		<0.0010					1
Δ9-THCA (%AR)	002.99	Other	183	<0.0076	<0.0076	<0.0076	<0.0076					1
Δ9-THCA (%AR)	002.10	Other LC-UV	144	<0.0100	<0.0100	<0.0100	<0.0100					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	197	<0.0101	<0.0101	<0.0090	<0.0101					1
Δ9-THCA (%AR)	002.03	AOAC 2018.11, M	139	<0.0125	<0.0125	<0.0125	<0.0125					1
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	199	<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)	002.01	AOAC 2018.10	210	<0.0230	<0.0250	<0.0230	<0.0230					1
Δ9-THCA (%AR)	002.10	Other LC-UV	106	<0.0300	<0.0300	<0.0300	<0.0300					1
Δ9-THCA (%AR)	002.30	Other LC-MS	102	<0.0480	<0.0480	<0.0480	<0.0480					1
Δ9-THCA (%AR)	002.99	Other	215	<0.0500	<0.0500	<0.0500	<0.0500					1
Δ9-THCA (%AR)	002.10	Other LC-UV	192	0	0	0.0024	0.0024					2
Δ9-THCA (%AR)	002.10	Other LC-UV	189	0.0087	0.0121	0.0071	0.0093					0
Δ9-THCA (%AR)	002.02	AOAC 2018.11, U	125	0.0135	0.0142	0.0136	0.0138					0
Δ9-THCA (%AR)	002.10	Other LC-UV	184	0.343	0.356	0.324	0.341					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)									
CBD (%AR)	003.10	Other LC-UV	192	0.1969	0.2032	0.1967	0.199	-7.15	3.8467	17	0.5104	0
CBD (%AR)	003.03	AOAC 2018.11, M	139	2.428	2.333	2.4367	2.4	-2.84	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	170	3.3348	3.3116	3.3355	3.33	-1.02	3.8467	17	0.5104	0
CBD (%AR)	003.30	Other LC-MS	190	3.343	3.43		3.39	-0.9	3.8467	17	0.5104	0
CBD (%AR)	003.99	Other	215	3.4309	3.4388	3.5034	3.46	-0.76	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	189	3.5271	3.5207	3.532	3.53	-0.63	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	196	3.8675	3.7859	3.895	3.85	0.01	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	162	4.0117	3.9202	3.9423	3.96	0.22	3.8467	17	0.5104	0
CBD (%AR)	003.02	AOAC 2018.11, U	199	4.0095	4.0085	4.0395	4.02	0.34	3.8467	17	0.5104	0
CBD (%AR)	003.02	AOAC 2018.11, U	103	4.113	4.115	3.905	4.04	0.39	3.8467	17	0.5104	0
CBD (%AR)	003.01	AOAC 2018.10	210	4.055	4.023	4.045	4.04	0.38	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	106	4.1	4.04	4.05	4.06	0.42	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	144	4.003	4.0879	4.2342	4.11	0.51	3.8467	17	0.5104	0
CBD (%AR)	003.02	AOAC 2018.11, U	125	4.23	4.24	4.19	4.22	0.73	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	197	4.2921	4.3234	4.4531	4.36	1	3.8467	17	0.5104	0
CBD (%AR)	003.10	Other LC-UV	184	4.296	4.612	4.273	4.39	1.07	3.8467	17	0.5104	0
CBD (%AR)	003.99	Other	183	4.48	4.48	4.48	4.48	1.24	3.8467	17	0.5104	0
			CBDA (%AR)									
CBDA (%AR)	004.99	Other	183	<0.0043	<0.0043	<0.0043	<0.0043					1
CBDA (%AR)	004.10	Other LC-UV	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	
CBDA (%AR)	004.10	Other LC-UV	197	<0.0152	<0.0152	<0.0136	<0.0152					1
CBDA (%AR)	004.10	Other LC-UV	192	0.0003	0.0006	0.0004	0.0004	-1.54	0.0187	12	0.0119	0
CBDA (%AR)	004.03	AOAC 2018.11, M	139	0.004	0.0038	0.0035	0.0038	-1.26	0.0187	12	0.0119	0
CBDA (%AR)	004.10	Other LC-UV	189	0.0132	0.0148	0.0133	0.0138	-0.42	0.0187	12	0.0119	0
CBDA (%AR)	004.10	Other LC-UV	144	0.0148	0.0166	0.0164	0.0159	-0.24	0.0187	12	0.0119	0
CBDA (%AR)	004.30	Other LC-MS	190	0.015	0.016		0.0155	-0.27	0.0187	12	0.0119	0
CBDA (%AR)	004.99	Other	215	0.0166	0.0175	0.0162	0.0168	-0.17	0.0187	12	0.0119	0
CBDA (%AR)	004.02	AOAC 2018.11, U	103	0.018	0.018	0.017	0.0177	-0.09	0.0187	12	0.0119	0
CBDA (%AR)	004.02	AOAC 2018.11, U	125	0.0197	0.019	0.0206	0.0198	0.09	0.0187	12	0.0119	0
CBDA (%AR)	004.02	AOAC 2018.11, U	199	0.023	0.024	0.024	0.0237	0.42	0.0187	12	0.0119	0
CBDA (%AR)	004.10	Other LC-UV	196	0.0282	0.0278	0.0279	0.028	0.78	0.0187	12	0.0119	0
CBDA (%AR)	004.10	Other LC-UV	106	<0.0300	<0.0300	0.03	0.03					1
CBDA (%AR)	004.10	Other LC-UV	184	0.033	0.033	0.032	0.0327	1.18	0.0187	12	0.0119	0
CBDA (%AR)	004.01	AOAC 2018.10	210	0.037	0.036	0.036	0.0363	1.48	0.0187	12	0.0119	0

CBN (%AR)

CBN (%AR)	005.10	Other LC-UV	192	0.002	0.0025	0.0019	0.0021	-5.32	0.0351	14	0.0062	0
CBN (%AR)	005.02	AOAC 2018.11, U	107	0.0341	0.0288	0.0239	0.0289	-1	0.0351	14	0.0062	0
CBN (%AR)	005.03	AOAC 2018.11, M	139	0.0286	0.0317	0.0343	0.0315	-0.58	0.0351	14	0.0062	0
CBN (%AR)	005.10	Other LC-UV	144	0.0308	0.0293	0.0315	0.0305	-0.74	0.0351	14	0.0062	0
CBN (%AR)	005.10	Other LC-UV	197	0.0329	0.0321	0.0312	0.0321	-0.49	0.0351	14	0.0062	0
CBN (%AR)	005.02	AOAC 2018.11, U	199	0.0335	0.033	0.0335	0.0333	-0.29	0.0351	14	0.0062	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	106	0.03	0.04	0.03	0.0333	-0.29	0.0351	14	0.0062	0
CBN (%AR)	005.10	Other LC-UV	196	0.0347	0.0353	0.0355	0.0352	0.01	0.0351	14	0.0062	0
CBN (%AR)	005.10	Other LC-UV	189	0.0349	0.0349	0.0345	0.0348	-0.05	0.0351	14	0.0062	0
CBN (%AR)	005.20	Other LC-MS	190	0.037	0.038		0.0375	0.39	0.0351	14	0.0062	0
CBN (%AR)	005.10	Other LC-UV	162	0.0393	0.0395	0.0392	0.0393	0.68	0.0351	14	0.0062	0
CBN (%AR)	005.02	AOAC 2018.11, U	125	0.0446	0.0386	0.0441	0.0424	1.18	0.0351	14	0.0062	0
CBN (%AR)	005.30	GC-FID	138	0.0422	0.0448	0.0415	0.0428	1.25	0.0351	14	0.0062	0
CBN (%AR)	005.99	Other	183	0.0437	0.0437	0.0443	0.0439	1.42	0.0351	14	0.0062	0

Total Δ9-THC (%AR)

Total Δ9-THC (%AR)	006.01	AOAC 2018.10	210	<0.0870	<0.0910	<0.0900	<0.0870					1
Total Δ9-THC (%AR)	006.10	Other LC-UV	192	0.0033	0.0031	0.0048	0.0037	-6.02	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	197	0.058	0.0521	0.0561	0.0554	-1.37	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	103	0.058	0.057	0.055	0.0567	-1.26	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	107	0.0779	0.0616	0.0591	0.0662	-0.4	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.40	GC-FID	138	0.0677	0.066	0.0667	0.0668	-0.35	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	144	0.0694	0.0638	0.0668	0.0667	-0.36	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	190	0.068	0.067		0.0675	-0.28	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	196	0.0702	0.0674	0.0692	0.0689	-0.16	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.40	GC-FID	169	0.0674	0.07	0.0721	0.0698	-0.08	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.30	Other LC-MS	102	0.076	0.065	0.08	0.0737	0.27	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.02	AOAC 2018.11, U	199	0.0775	0.0785	0.0765	0.0775	0.61	0.0707	16	0.0111	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	125	0.0795	0.0783	0.0783	0.0787	0.72	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	162	0.0726	0.0869	0.0817	0.0804	0.88	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.10	Other LC-UV	189	0.0818	0.0838	0.0778	0.0811	0.94	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.03	AOAC 2018.11, M	139	0.0891	0.0802	0.0754	0.0816	0.98	0.0707	16	0.0111	0
Total Δ9-THC (%AR)	006.99	Other	183	0.0858	0.0854	0.086	0.0857	1.35	0.0707	16	0.0111	0

Total CBD (%AR)

Total CBD (%AR)	007.10	Other LC-UV	192	0.1971	0.2038	0.1971	0.199	-7.33	3.978	17	0.5153	0
Total CBD (%AR)	007.30	Other LC-MS	190	3.356	3.444		3.4	-1.12	3.978	17	0.5153	0
Total CBD (%AR)	007.10	Other LC-UV	215	3.4454	3.4541	3.5176	3.47	-0.98	3.978	17	0.5153	0
Total CBD (%AR)	007.10	Other LC-UV	189	3.5387	3.5337	3.5437	3.54	-0.85	3.978	17	0.5153	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	107	3.1515	3.7001	3.9641	3.61	-0.72	3.978	17	0.5153	0
Total CBD (%AR)	007.03	AOAC 2018.11, M	139	3.6581	3.615	3.8357	3.7	-0.53	3.978	17	0.5153	0
Total CBD (%AR)	007.10	Other LC-UV	196	3.8922	3.8103	3.9194	3.87	-0.2	3.978	17	0.5153	0
Total CBD (%AR)	007.10	Other LC-UV	162	4.0117	3.9202	3.9423	3.96	-0.04	3.978	17	0.5153	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	199	4.0297	4.0295	4.0605	4.04	0.12	3.978	17	0.5153	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	103	4.1288	4.1308	3.9199	4.06	0.16	3.978	17	0.5153	0
Total CBD (%AR)	007.01	AOAC 2018.10	210	4.087	4.054	4.076	4.07	0.18	3.978	17	0.5153	0
Total CBD (%AR)	007.10	Other LC-UV	144	4.016	4.1025	4.2486	4.12	0.28	3.978	17	0.5153	0
Total CBD (%AR)	007.02	AOAC 2018.11, U	125	4.24	4.26	4.21	4.24	0.5	3.978	17	0.5153	0
Total CBD (%AR)	007.10	Other LC-UV	197	4.2921	4.3234	4.4531	4.36	0.73	3.978	17	0.5153	0
Total CBD (%AR)	007.99	Other	183	4.48	4.48	4.48	4.48	0.97	3.978	17	0.5153	0

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
Total CBD (%AR)	007.40	GC-FID	169	4.726	4.7474	4.849	4.77	1.55	3.978	17	0.5153	0
Total CBD (%AR)	007.40	GC-FID	138	4.9075	4.9177	4.8977	4.91	1.8	3.978	17	0.5153	0

CBDV (%AR)

CBDV (%AR)	008.99	Other	197	<0.0101	<0.0101	<0.0090	<0.0101					1
CBDV (%AR)	008.99	Other	196	<0.0210	<0.0210	<0.0210	<0.0210					1
CBDV (%AR)	008.02	AOAC 2018.11, U	210	<0.0210	<0.0230	<0.0220	<0.0210					1
CBDV (%AR)	008.99	Other	189	0.0137	0.0134	0.0136	0.0136					0
CBDV (%AR)	008.99	Other	162	0.0232	0.0239	0.0173	0.0215					0
CBDV (%AR)	008.99	Other	106	0.03	0.03	0.03	0.03					0
CBDV (%AR)	008.99	Other	183	0.0348	0.0388	0.037	0.0369					0
CBDV (%AR)	008.02	AOAC 2018.11, U	199	0.0555	0.0565	0.0555	0.0558					0

CBDVA (%AR)

CBDVA (%AR)	009.99	Other	183	<0.0021	<0.0021	<0.0021	<0.0021					1
CBDVA (%AR)	009.99	Other	197	<0.0101	<0.0101	<0.0090	<0.0101					1
CBDVA (%AR)	009.99	Other	196	<0.0210	<0.0210	<0.0210	<0.0210					1
CBDVA (%AR)	009.01	AOAC 2018.10	210	0.023	0.025	0.023	0.0237					0

CBG (%AR)

CBG (%AR)	010.99	Other	197	0.0542	0.0564	0.0534	0.0547	-1.41	0.0768	10	0.0157	0
CBG (%AR)	010.99	Other	106	0.06	0.06	0.07	0.0633	-0.86	0.0768	10	0.0157	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)	010.01	AOAC 2018.10	210	0.071	0.064	0.063	0.066	-0.69	0.0768	10	0.0157	0
CBG (%AR)	010.99	Other	196	0.0669	0.0666	0.0687	0.0674	-0.6	0.0768	10	0.0157	0
CBG (%AR)	010.99	Other	189	0.0766	0.0789	0.0792	0.0782	0.09	0.0768	10	0.0157	0
CBG (%AR)	010.02	AOAC 2018.11, U	199	0.081	0.0795	0.081	0.0805	0.23	0.0768	10	0.0157	0
CBG (%AR)	010.02	AOAC 2018.11, U	103	0.084	0.085	0.078	0.0823	0.35	0.0768	10	0.0157	0
CBG (%AR)	010.99	Other	162	0.0884	0.0856	0.0872	0.0871	0.65	0.0768	10	0.0157	0
CBG (%AR)	010.02	AOAC 2018.11, U	125	0.0882	0.0897	0.0875	0.0885	0.74	0.0768	10	0.0157	0
CBG (%AR)	010.99	Other	183	0.104	0.107	0.104	0.105	1.8	0.0768	10	0.0157	0

CBGA (%AR)

CBGA (%AR)	011.99	Other	183	<0.0049	<0.0049	<0.0049	<0.0049					1
CBGA (%AR)	011.99	Other	162	<0.0100	<0.0100	<0.0100	<0.0100					1
CBGA (%AR)	011.99	Other	197	<0.0101	<0.0101	<0.0090	<0.0101					1
CBGA (%AR)	011.99	Other	196	<0.0210	<0.0210	<0.0210	<0.0210					1
CBGA (%AR)	011.01	AOAC 2018.10	210	<0.0230	<0.0250	<0.0230	<0.0230					1
CBGA (%AR)	011.99	Other	106	<0.0300	<0.0300	<0.0300	<0.0300					1
CBGA (%AR)	011.02	AOAC 2018.11, U	125	0.0133	0.0137	0.0148	0.0139					0
CBGA (%AR)	011.99	Other	189	0.0152	0.0151	0.0149	0.0151					0
CBGA (%AR)	011.02	AOAC 2018.11, U	103	0.03	0.03	0.029	0.0297					0

THCV (%AR)

THCV (%AR)	012.99	Other	183	<0.0069	<0.0069	<0.0069	<0.0069					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	
THCV (%AR)	012.99	Other	197	<0.0101	<0.0101	<0.0090	<0.0101					1
THCV (%AR)	012.02	AOAC 2018.11, U	210	<0.0210	<0.0230	<0.0220	<0.0210					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	189	0.0091	0.0093	0.0094	0.0093					0

Δ8-THC (%AR)

Δ8-THC (%AR)	013.99	Other	196	0.0246	0.0235	0.0241	0.0241	-1.46	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.02	AOAC 2018.11, U	199	0.0275	0.0255	0.0255	0.0262	-1.14	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.99	Other	162	0.0301	0.0321	0.0318	0.0313	-0.37	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.03	AOAC 2018.11, M	139	0.0288	0.0322	0.0366	0.0325	-0.19	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.01	AOAC 2018.10	210	0.029	0.035	0.037	0.0337	-0.01	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.99	Other	183	0.0342	0.0356	0.0334	0.0344	0.1	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.99	Other	197	0.0372	0.0352	0.032	0.0348	0.16	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.99	Other	189	0.0377	0.0362	0.0369	0.0369	0.48	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.99	Other	106	0.04	0.04	0.04	0.04	0.94	0.0338	10	0.0066	0
Δ8-THC (%AR)	013.99	Other	138	0.0814	0.082	0.0822	0.0819	7.24	0.0338	10	0.0066	0

CBC (%AR)

CBC (%AR)	014.99	Other	106	0.15	0.15	0.16	0.153	-1.41	0.1832	8	0.0213	0
CBC (%AR)	014.99	Other	197	0.1792	0.1731	0.1636	0.172	-0.53	0.1832	8	0.0213	0
CBC (%AR)	014.99	Other	196	0.1757	0.1715	0.1756	0.174	-0.42	0.1832	8	0.0213	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	189	0.1777	0.1772	0.1774	0.177	-0.27	0.1832	8	0.0213	0
CBC (%AR)	014.99	Other	162	0.1799	0.1943	0.1727	0.182	-0.04	0.1832	8	0.0213	0
CBC (%AR)	014.02	AOAC 2018.11, U	199	0.193	0.1945	0.1955	0.194	0.52	0.1832	8	0.0213	0
CBC (%AR)	014.02	AOAC 2018.11, U	125	0.2	0.202	0.19	0.197	0.66	0.1832	8	0.0213	0
CBC (%AR)	014.99	Other	183	0.214	0.213	0.218	0.215	1.49	0.1832	8	0.0213	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	102	<0.0032	<0.0032	<0.0032	<0.0032					1
Cd (ug/g AR)	101.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					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	<0.0984	<0.0998	<0.0986	<0.0984					1
Cd (ug/g AR)	101.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1

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	102	<0.0032	<0.0032	<0.0032	<0.0032					1
As (ug/g AR)	102.04	ICP-MS	196	<0.0482	<0.0482	<0.0482	<0.0482					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	<0.0984	<0.0998	<0.0986	<0.0984					1
As (ug/g AR)	102.04	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	
			Hg (ug/g AR)									
Hg (ug/g AR)	103.04	ICP-MS	102	<0.0032	<0.0032	<0.0032	<0.0032					1
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	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	197	<0.0984	<0.0998	<0.0986	<0.0984					1
Hg (ug/g AR)	103.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
			Pb (ug/g AR)									
Pb (ug/g AR)	104.04	ICP-MS	183	<0.0200	<0.0200	<0.0200	<0.0200					1
Pb (ug/g AR)	104.04	ICP-MS	196	<0.0241	<0.0241	<0.0241	<0.0241					1
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	<0.0984	<0.0998	<0.0986	<0.0984					1
Pb (ug/g AR)	104.04	ICP-MS	162	<0.2000	<0.2000	<0.2000	<0.2000					1
Pb (ug/g AR)	104.04	ICP-MS	102	0.0069	0.0065	0.0059	0.0064					0
			Cu (ug/g AR)									
Cu (ug/g AR)	105.04	ICP-MS	196	<0.4893	<0.4893	<0.4893	<0.4893					1
			Ni (ug/g AR)									
Ni (ug/g AR)	106.04	ICP-MS	196	<0.0722	<0.0722	<0.0722	<0.0722					1

Analyte	Code	Method	Lab Num	Result1	Result2	Result3	Lab Value	Z score	Population of Lab Values			Flag
									Rob Mean	n	Rob StDev	
			Cr (ug/g AR)									
Cr (ug/g AR)	107.04	ICP-MS	196	<0.0722	<0.0722	<0.0722	<0.0722					1
Cr (ug/g AR)	107.04	ICP-MS	197	<10.0000	<10.0000	<10.0000	<10.0000					1
			Se (ug/g AR)									
Se (ug/g AR)	108.04	ICP-MS	196	<0.0963	<0.0963	<0.0963	<0.0963					1
Se (ug/g AR)	108.04	ICP-MS	197	<0.0984	<0.0998	<0.0986	<0.0984					1
			Zn (ug/g AR)									
Zn (ug/g AR)	111.04	ICP-MS	196	<5.0000	<5.0000	<5.0000	<5.0000					1
			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	<0.1235	<0.1235	<0.1235	<0.1235					1
(-)-alpha-Bisabolol (%A	201.02	GC,MS	162	0.0122	0.0106	0.0102	0.011					0
(-)-alpha-Bisabolol (%A	201.02	GC,MS	183	0.19	0.191	0.191	0.191					0
			beta-Caryophyllene (%AR)									
beta-Caryophyllene (%)	202.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
beta-Caryophyllene (%)	202.02	GC,MS	162	0.0443	0.0416	0.0392	0.0417					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 (%)	202.02	GC,MS	183	0.131	0.128	0.137	0.132					0
(-)-Caryophyllene oxide (%AR)												
(-)-Caryophyllene oxide	203.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
(-)-Caryophyllene oxide	203.02	GC,MS	183	0.0605	0.0642	0.0636	0.0628					0
Geraniol (%AR)												
Geraniol (%AR)	204.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
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
alpha-Humulene (%AR)												
alpha-Humulene (%AR)	205.02	GC,MS	196	<0.1235	<0.1235	<0.1235	<0.1235					1
alpha-Humulene (%AR)	205.02	GC,MS	162	0.0125	0.0112	0.0101	0.0113					0
alpha-Humulene (%AR)	205.02	GC,MS	183	0.0458	0.0469	0.0475	0.0467					0
d-Limonene (%AR)												
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	<0.0020	<0.0020	<0.0020	<0.0020					1
d-Limonene (%AR)	206.02	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	
Linalool (%AR)												
Linalool (%AR)	207.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Linalool (%AR)	207.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Linalool (%AR)	207.02	GC,MS	183	<0.0100	<0.0100	<0.0100	<0.0100					1
beta-Myrcene (%AR)												
beta-Myrcene (%AR)	208.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					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	162	<0.0100	<0.0100	<0.0100	<0.0100					1
Ocimene (%AR)												
Ocimene (%AR)	210.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
Ocimene (%AR)	210.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
Ocimene (%AR)	210.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Pinene (%AR)												
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	<0.0020	<0.0020	<0.0020	<0.0020					1
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	196	<0.0013	<0.0013	<0.0013	<0.0013					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)	212.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					1
(-)-beta-Pinene (%AR)	212.02	GC,MS	162	<0.0100	<0.0100	<0.0100	<0.0100					1
alpha-Terpinene (%AR)												
alpha-Terpinene (%AR)	213.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					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	162	<0.0100	<0.0100	<0.0100	<0.0100					1
gamma-Terpinene (%AR)												
gamma-Terpinene (%A	214.02	GC,MS	196	<0.0013	<0.0013	<0.0013	<0.0013					1
gamma-Terpinene (%A	214.02	GC,MS	183	<0.0020	<0.0020	<0.0020	<0.0020					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	196	<0.0013	<0.0013	<0.0013	<0.0013					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	162	<0.0100	<0.0100	<0.0100	<0.0100					1

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.