

Hemp Proficiency Testing

Summary Statistics

OL22SEP-1 (oil)



Sample: OL22SEP-1 (oil)

Summary Statistics

Issue Date: November 18, 2022

By Analyte

Analyte	Code	Trueness (Lab Value)				Horwitz %RSD	Precision (Lab RSDr)		
		Rob Mean	n	Rob StDev	%RSD		Rob Mean	min	max
Δ9-THC (%AR)	001	0.0932	26	0.0225	24.2	5.7	5.49	0	21.7
CBD (%AR)	003	5.7535	24	0.5499	9.56	3.07	1.67	0	22
CBDA (%AR)	004	0.0316	11	0.0263	83.1	6.7	8.37	0	40.8
CBN (%AR)	005	0.0424	17	0.0074	17.6	6.41	5.4	0	24.1
Total Δ9-THC (%AR)	006	0.0993	26	0.0255	25.7	5.64	5.83	0.25	24.6
Total CBD (%AR)	007	5.6662	23	0.8652	15.3	3.08	2.41	0	21.9
CBDV (%AR)	008	0.0248	7	0.0079	31.8	6.95	5.94	1.13	34.6
CBG (%AR)	010	0.1046	14	0.0348	33.2	5.6	2.98	0.1	8.66
Δ8-THC (%AR)	013	0.0209	6	0.0141	67.4	7.13	4.72	0	15.1
CBC (%AR)	014	0.2501	14	0.0142	5.66	4.91	1.63	0.37	7.22

By Method Group

Analyte	Code	Trueness (Lab Value)				Horwitz %RSD	Precision (Lab RSDr)		
		Rob Mean	n	Rob StDev	%RSD		Rob Mean	min	max
CBN (%AR)	LC	0.0415	16	0.0064	15.4	6.43	5.21	0	24.1
Total Δ9-THC (%AR)	LC	0.1018	22	0.0243	23.9	5.62	5.16	0.25	20.1
Total CBD (%AR)	LC	5.6149	20	0.6944	12.4	3.08	1.88	0	21.9

By Method

Analyte	Code		Trueness (Lab Value)				Horwitz %RSD	Precision (Lab RSDr)		
			Rob Mean	n	Rob StDev	%RSD		Rob Mean	min	max
Δ9-THC (%AR)	001.10	Other LC-UV	0.0921	15	0.0168	18.3	5.71	3.91	0	11.7
CBD (%AR)	003.10	Other LC-UV	5.6526	14	0.519	9.18	3.08	1.75	0.31	22
CBDA (%AR)	004.10	Other LC-UV	0.0285	9	0.0183	64.3	6.81	5.56	0	40.8
CBN (%AR)	005.10	Other LC-UV	0.0431	11	0.0069	16.1	6.4	4.23	0	15.1
Total Δ9-THC (%AR)	006.10	Other LC-UV	0.1044	13	0.0277	26.5	5.6	4.11	0.6	20.1
Total CBD (%AR)	007.10	Other LC-UV	5.6186	13	0.5433	9.67	3.08	1.67	0.02	21.9
CBDV (%AR)	008.99	Other	0.0254	6	0.0084	32.9	6.92	7.33	1.13	34.6
CBG (%AR)	010.99	Other	0.1079	12	0.0427	39.6	5.57	3.25	0.1	8.66
CBC (%AR)	014.99	Other	0.2507	12	0.0149	5.95	4.91	1.76	0.37	7.22

1. Data summarized for trueness and precision if 6 or more Lab values and 6 or more Lab RSDr values were available.

2. AR refers to concentration on as-received basis. DW refers to concentration on dry weight basis.