

Hemp Proficiency Testing

Summary Statistics

OL22NOV-1 (oil)



Sample: OL22NOV-1 (oil)

Summary Statistics

Issue Date: January 20, 2023

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	0.1042	25	0.0226	21.7	5.6	3.41	0	30.2
CBD (%AR)	003	1.6739	24	0.1367	8.17	3.69	2.83	0.01	47.6
CBDA (%AR)	004	0.0597	22	0.0069	11.5	6.09	3.31	0	15.1
CBN (%AR)	005	0.0325	17	0.0045	14	6.67	4.45	0	23.6
Total Δ9-THC (%AR)	006	0.1037	23	0.0157	15.1	5.61	4.16	0.3	30.2
Total CBD (%AR)	007	1.7351	21	0.2111	12.2	3.67	3.37	0.12	25.8
CBDV (%AR)	008	0.0123	6	0.0018	14.5	7.72	5.82	0	13.1
CBG (%AR)	010	0.0762	12	0.0078	10.2	5.87	3.03	0	13.9
Δ8-THC (%AR)	013	0.2688	14	0.0132	4.91	4.86	3.18	0.42	11
CBC (%AR)	014	0.093	13	0.0053	5.73	5.7	1.89	0	13.1

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	0.0322	15	0.005	15.5	6.68	2.92	0	23.6
Total Δ9-THC (%AR)	LC	0.1033	19	0.0152	14.7	5.61	3.44	0.3	18.9
Total CBD (%AR)	LC	1.74	17	0.1545	8.88	3.67	2.72	0.12	12.8

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	0.1059	13	0.0262	24.7	5.59	2.7	0	14.9
CBD (%AR)	003.10	Other LC-UV	1.6712	13	0.1399	8.37	3.69	2.11	0.11	7.06
CBDA (%AR)	004.10	Other LC-UV	0.0579	13	0.0082	14.2	6.12	2.33	0	15.1
CBN (%AR)	005.10	Other LC-UV	0.0312	9	0.0037	11.7	6.71	1.51	0	7.83
Total Δ9-THC (%AR)	006.10	Other LC-UV	0.1023	10	0.0137	13.4	5.62	3.12	0.58	18.9
Total CBD (%AR)	007.10	Other LC-UV	1.7276	10	0.1755	10.2	3.68	2.11	0.12	6.95
CBDV (%AR)	008.99	Other	0.0123	6	0.0018	14.5	7.72	5.82	0	13.1
CBG (%AR)	010.99	Other	0.0781	9	0.0126	16.2	5.85	3.87	0	13.9
Δ8-THC (%AR)	013.99	Other	0.2654	11	0.0118	4.45	4.87	3.58	0.42	11
CBC (%AR)	014.99	Other	0.0916	9	0.0045	4.87	5.71	2.51	0	13.1

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.