

Hemp Proficiency Testing

Summary Statistics

OL25SEP-1 (Oil)



Sample: OL25SEP-1 (Oil)

Summary Statistics

Issue Date: December 3, 2025

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	0.0314	14	0.0099	31.5	6.71	8.68	0.81	71.7
CBD (%AR)	003	0.551	14	0.0516	9.37	4.36	2.01	0.37	6.57
CBN (%AR)	005	0.0048	7	0.0016	33.7	8.88	12.86	0	21.2
Total Δ9-THC (%AR)	006	0.0305	13	0.0109	35.7	6.73	13.02	2.97	128
Total CBD (%AR)	007	0.5607	13	0.0556	9.92	4.35	2.54	0.36	85.5
Δ8-THC (%AR)	013	0.2876	11	0.012	4.16	4.81	4.59	0.52	67.4

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	0.0048	7	0.0016	33.7	8.88	12.86	0	21.2
Total Δ9-THC (%AR)	LC	0.0313	11	0.0124	39.5	6.71	15.4	2.97	128

Total CBD (%AR)	LC	0.547	10	0.0677	12.4	4.37	2.85	0.36	85.5
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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	0.0321	10	0.0118	36.8	6.68	11.32	0.81	71.7
CBD (%AR)	003.10	Other LC-UV	0.5434	10	0.0553	10.2	4.37	2.09	0.37	6.57
Total Δ9-THC (%AR)	006.10	Other LC-UV	0.0301	7	0.013	43.1	6.75	16.39	2.97	82.8
Total CBD (%AR)	007.10	Other LC-UV	0.5354	7	0.0865	16.2	4.38	3.33	0.36	85.5
Δ8-THC (%AR)	013.99	Other	0.2856	7	0.0057	1.98	4.82	5.93	1.05	67.4

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.