

Hemp Proficiency Testing

Summary Statistics

HM25NOV-1 (Hemp)



Sample: HM25NOV-1 (Hemp)

Summary Statistics

Issue Date: January 27, 2026

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	0.1554	26	0.0155	9.98	5.28	3.45	0.03	21.2
Δ9-THCA (%AR)	002	0.0206	18	0.0105	50.9	7.14	8.9	0	98.3
CBD (%AR)	003	5.631	19	0.5681	10.1	3.08	2.75	0.05	10.4
CBDA (%AR)	004	1.9658	19	0.2179	11.1	3.61	2.75	0.03	13.8
CBN (%AR)	005	0.0809	17	0.0178	21.9	5.82	4.05	0.28	11.2
Total Δ9-THC (%AR)	006	0.1747	30	0.0253	14.5	5.18	4.19	0.4	137
Total CBD (%AR)	007	7.4419	20	0.6356	8.54	2.95	2.85	0.04	11.3
CBG (%AR)	010	0.2383	7	0.0421	17.7	4.95	1.71	0	4.01
CBGA (%AR)	011	0.1333	7	0.0225	16.9	5.4	2.14	0	5.36
CBC (%AR)	014	0.2472	7	0.033	13.3	4.92	1.34	0	13.1
Cd (ug/g AR)	101	0.1674	6	0.0296	17.7	20.77	5.66	0.47	13.5
Pb (ug/g AR)	104	0.3305	7	0.081	24.5	18.76	6.9	0.49	24
Moisture (%AR)	500	6.6449	14	2.2569	34	3	2.67	0	8.31

Δ9-THC (%DW)	501	0.1706	9	0.0117	6.83	5.2	1.64	0.03	5.1
CBD (%DW)	503	5.7735	7	0.9384	16.3	3.07	1.83	0.05	3.87
CBDA (%DW)	504	2.1273	7	0.5033	23.7	3.56	2.3	0.04	4.53
CBN (%DW)	505	0.0862	8	0.0126	14.7	5.76	3.37	0.26	9.32
Total Δ9-THC (%DW)	506	0.1902	12	0.0265	13.9	5.12	3.16	0.38	14.4
Total CBD (%DW)	507	8.1842	9	0.9251	11.3	2.91	2.46	0.04	6.87

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	0.0779	14	0.0169	21.7	5.85	3.54	0.28	11.2
Total Δ9-THC (%AR)	GC	0.1787	9	0.0333	18.6	5.17	5.23	0.88	137
Total Δ9-THC (%AR)	LC	0.1732	21	0.0228	13.2	5.19	3.67	0.4	29.3
Total CBD (%AR)	LC	7.3027	15	0.599	8.2	2.96	2.39	0.04	11.3
CBN (%DW)	LC	0.0876	7	0.0149	17	5.75	2.53	0.26	6.88
Total Δ9-THC (%DW)	LC	0.1973	10	0.0396	20.1	5.09	2.65	0.38	7.75
Total CBD (%DW)	LC	8.1	8	1.0368	12.8	2.92	2.26	0.04	6.87

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	0.1568	15	0.0141	8.97	5.27	3.32	0.03	21.2

Sample: HM25NOV-1 (Hemp)**Summary Statistics****Issue Date: January 27, 2026**

Δ9-THCA (%AR)	002.10	Other LC-UV	0.0232	10	0.013	56.1	7.02	5.59	0	98.3
CBD (%AR)	003.10	Other LC-UV	5.7597	14	0.6246	10.8	3.07	2.25	0.05	6.81
CBDA (%AR)	004.10	Other LC-UV	1.976	14	0.2318	11.7	3.6	2.73	0.03	8.16
CBN (%AR)	005.10	Other LC-UV	0.0796	12	0.017	21.3	5.83	3.25	0.28	11.2
Total Δ9-THC (%AR)	006.10	Other LC-UV	0.1759	11	0.0272	15.5	5.18	2.73	0.4	29.3
Total Δ9-THC (%AR)	006.40	GC-FID	0.183	8	0.0355	19.4	5.15	5.66	0.88	137
Total CBD (%AR)	007.10	Other LC-UV	7.4764	10	0.6902	9.23	2.95	2.05	0.04	7.08
Pb (ug/g AR)	104.04	ICP-MS	0.3102	6	0.0587	18.9	18.94	5.43	0.49	8.86
Moisture (%AR)	500.70	Commerc. Anal.	5.8931	7	1.969	33.4	3.06	3.34	0	7.16
Δ9-THC (%DW)	501.10	Other LC-UV	0.1681	6	0.0139	8.27	5.21	1.84	0.03	5.1
CBN (%DW)	505.10	Other LC-UV	0.0888	6	0.0177	19.9	5.74	2.88	0.26	6.88
Total Δ9-THC (%DW)	506.10	Other LC-UV	0.1874	7	0.0298	15.9	5.13	2.38	0.38	4.94
Total CBD (%DW)	507.10	Other LC-UV	7.9639	6	1.2426	15.6	2.92	3.04	0.04	6.87

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.