

Hemp Proficiency Testing

Summary Statistics

HM25NOV-2 (Hemp)



Sample: HM25NOV-2 (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	0.1664	26	0.0182	11	5.22	2.78	0	15.6
Δ9-THCA (%AR)	002	0.0663	26	0.013	19.5	6	4.77	0	79.4
CBD (%AR)	003	6.6186	19	0.6725	10.2	3.01	2.37	0.14	14.2
CBDA (%AR)	004	3.5418	19	0.3727	10.5	3.3	2.11	0.18	15.8
CBN (%AR)	005	0.0899	17	0.0165	18.3	5.73	2.35	0.28	17.1
Total Δ9-THC (%AR)	006	0.2252	32	0.0269	11.9	4.99	3.28	0.17	25
Total CBD (%AR)	007	9.8651	20	0.916	9.28	2.83	2.27	0.15	14.7
CBG (%AR)	010	0.1941	7	0.0307	15.8	5.1	1.73	0	3.62
CBGA (%AR)	011	0.2857	7	0.0352	12.3	4.82	2.64	0.57	6.28
CBC (%AR)	014	0.2799	7	0.0341	12.2	4.83	1.57	0.22	2.84
Cd (ug/g AR)	101	0.1611	6	0.0352	21.8	20.89	4.14	1.9	11.2
Pb (ug/g AR)	104	0.2202	6	0.1447	65.7	19.93	9.67	1.01	31.7
Moisture (%AR)	500	6.9318	14	2.4927	36	2.98	2.74	0	7.24

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Δ9-THC (%DW)	501	0.1777	9	0.0275	15.5	5.17	1.87	0	3.74
Δ9-THCA (%DW)	502	0.0679	9	0.0116	17.2	5.97	2.02	0.23	4.23
CBD (%DW)	503	7.136	7	0.7754	10.9	2.97	1.61	0.14	2.24
CBDA (%DW)	504	3.7989	7	0.5036	13.3	3.27	1.44	0.18	3.21
CBN (%DW)	505	0.0978	8	0.0159	16.2	5.66	2.4	0.57	9.99
Total Δ9-THC (%DW)	506	0.2423	12	0.0329	13.6	4.94	2.23	0.16	25.1
Total CBD (%DW)	507	10.8554	9	1.3052	12	2.79	1.94	0.15	7.02

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	0.087	14	0.0161	18.5	5.76	2.59	0.55	17.1
Total Δ9-THC (%AR)	GC	0.2314	9	0.0347	15	4.97	4.04	2.15	12.5
Total Δ9-THC (%AR)	LC	0.223	23	0.0254	11.4	5	2.99	0.17	25
Total CBD (%AR)	LC	9.6488	15	0.8602	8.92	2.84	2.36	0.15	14.7
CBN (%DW)	LC	0.0978	7	0.0172	17.5	5.66	2.18	0.57	9.99
Total Δ9-THC (%DW)	LC	0.2413	10	0.038	15.8	4.94	1.86	0.16	25.1
Total CBD (%DW)	LC	10.6863	8	1.3013	12.2	2.8	1.64	0.15	7.02

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	0.166	15	0.0195	11.7	5.22	1.79	0	14.5
Δ9-THCA (%AR)	002.10	Other LC-UV	0.0676	15	0.0205	30.4	5.98	3.6	0	79.4
CBD (%AR)	003.10	Other LC-UV	6.8076	14	0.6261	9.2	2.99	1.96	0.14	7.67
CBDA (%AR)	004.10	Other LC-UV	3.6003	14	0.3505	9.74	3.29	1.84	0.18	5.98
CBN (%AR)	005.10	Other LC-UV	0.0885	12	0.016	18.1	5.74	2.31	0.55	9.94
Total Δ9-THC (%AR)	006.10	Other LC-UV	0.2217	12	0.0322	14.5	5	2.19	0.17	25
Total Δ9-THC (%AR)	006.40	GC-FID	0.236	8	0.0326	13.8	4.96	4.3	2.15	12.5
Total CBD (%AR)	007.10	Other LC-UV	9.9271	10	0.7345	7.4	2.83	1.66	0.15	7.13
Moisture (%AR)	500.70	Commerc. Anal.	6.1722	7	2.2274	36.1	3.04	3.3	0	7.24
Δ9-THC (%DW)	501.10	Other LC-UV	0.1792	6	0.0247	13.8	5.16	1.75	0.52	2.81
Δ9-THCA (%DW)	502.10	Other LC-UV	0.0691	6	0.0182	26.4	5.96	2.08	0.23	4.23
CBN (%DW)	505.10	Other LC-UV	0.0979	6	0.0188	19.2	5.66	2.45	0.57	9.99
Total Δ9-THC (%DW)	506.10	Other LC-UV	0.2453	7	0.0368	15	4.93	1.95	0.16	25.1
Total CBD (%DW)	507.10	Other LC-UV	10.5346	6	1.4893	14.1	2.8	1.98	0.15	7.02

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.