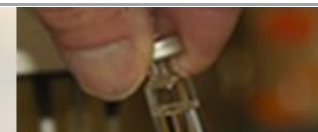
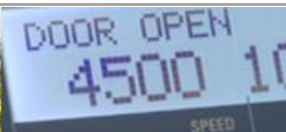


Hemp Proficiency Testing

Summary Statistics

HM24NOV-2 (hemp)



Sample: HM24NOV-2 (hemp)

Summary Statistics

Issue Date: December 21, 2024

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	0.1983	29	0.0284	14.3	5.09	4.06	0	8.32
Δ9-THCA (%AR)	002	0.0521	27	0.0094	18.1	6.22	5.21	0	173
CBD (%AR)	003	4.8273	23	0.4758	9.86	3.15	2.71	0.23	13.8
CBDA (%AR)	004	3.7946	22	0.313	8.25	3.27	2.92	0.31	11.4
CBN (%AR)	005	0.0505	20	0.0113	22.3	6.25	5.06	0.81	36.2
Total Δ9-THC (%AR)	006	0.246	36	0.0372	15.1	4.92	3.51	0.56	8.04
Total CBD (%AR)	007	8.2952	22	0.5164	6.22	2.91	2.61	0.26	12
CBDV (%AR)	008	0.039	6	0.0157	40.1	6.49	6.09	2.65	12.4
CBG (%AR)	010	0.2253	10	0.0497	22.1	4.99	4.17	1.54	13.8
CBGA (%AR)	011	0.1965	10	0.0303	15.4	5.09	2.57	0	5.61
CBC (%AR)	014	0.2368	8	0.0276	11.7	4.95	3.02	1.07	8.72
Cd (ug/g AR)	101	0.1426	7	0.0112	7.86	21.28	4.3	0.99	7.09
Pb (ug/g AR)	104	0.1651	7	0.0177	10.7	20.81	10.37	4.22	28.8

Moisture (%AR)	500	6.9029	15	2.2096	32	2.99	3.36	0	11
Δ9-THC (%DW)	501	0.2246	8	0.0177	7.9	4.99	3.01	1.07	6.23
Δ9-THCA (%DW)	502	0.0572	7	0.0053	9.2	6.13	5.84	0.97	17.7
CBD (%DW)	503	5.4263	6	0.1083	2	3.1	2.43	0.23	4.45
CBDA (%DW)	504	4.1835	6	0.3267	7.81	3.22	2.69	0.31	4.63
CBN (%DW)	505	0.0544	7	0.0067	12.4	6.18	3.56	1.7	12.3
Total Δ9-THC (%DW)	506	0.257	14	0.0306	11.9	4.89	2.96	1.03	4.54
Total CBD (%DW)	507	8.9644	10	0.8388	9.36	2.87	2.97	0.26	4.28

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	0.0484	16	0.0105	21.8	6.28	5.29	0.81	36.2
Total Δ9-THC (%AR)	GC	0.2625	10	0.0429	16.3	4.88	2.76	0.56	5.53
Total Δ9-THC (%AR)	LC	0.2399	26	0.0356	14.9	4.94	3.83	1.04	8.04
Total CBD (%AR)	GC	8.522	6	1.0656	12.5	2.89	2.93	0.31	4.14
Total CBD (%AR)	LC	8.2151	16	0.3627	4.42	2.91	2.55	0.26	12
Total Δ9-THC (%DW)	LC	0.2594	10	0.034	13.1	4.89	2.93	1.03	4.54
Total CBD (%DW)	LC	8.9349	7	0.6053	6.78	2.87	2.48	0.26	4.23

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	0.1933	17	0.0314	16.2	5.11	3.42	0.22	8.32
Δ9-THCA (%AR)	002.10	Other LC-UV	0.0471	16	0.0122	25.9	6.31	3.98	0	173
CBD (%AR)	003.10	Other LC-UV	4.8562	16	0.4339	8.94	3.15	2.29	0.23	8.21
CBDA (%AR)	004.10	Other LC-UV	3.761	15	0.2389	6.35	3.27	2.26	0.31	5.57
CBN (%AR)	005.10	Other LC-UV	0.0471	11	0.0108	22.8	6.31	4.21	0.81	12.3
Total Δ9-THC (%AR)	006.10	Other LC-UV	0.224	13	0.0448	20	4.99	3.11	1.04	6.72
Total Δ9-THC (%AR)	006.40	GC-FID	0.2617	9	0.0454	17.3	4.88	2.43	0.56	5.26
Total CBD (%AR)	007.10	Other LC-UV	8.1671	10	0.3145	3.85	2.91	1.86	0.26	4.09
Total CBD (%AR)	007.40	GC-FID	8.522	6	1.0656	12.5	2.89	2.93	0.31	4.14
CBG (%AR)	010.99	Other	0.2145	8	0.055	25.6	5.03	3.53	1.54	13.8
CBGA (%AR)	011.99	Other	0.1887	8	0.0267	14.2	5.12	2.21	0	5.61
CBC (%AR)	014.99	Other	0.2288	6	0.0471	20.6	4.98	3.71	1.14	8.72
Cd (ug/g AR)	101.04	ICP-MS	0.1426	7	0.0112	7.86	21.28	4.3	0.99	7.09
Pb (ug/g AR)	104.04	ICP-MS	0.1651	7	0.0177	10.7	20.81	10.37	4.22	28.8
Moisture (%AR)	500.70	Commerc. Anal.	6.5158	8	2.6553	40.8	3.01	3.98	0	11
Total Δ9-THC (%DW)	506.10	Other LC-UV	0.2503	6	0.0485	19.4	4.91	2.87	1.03	4.54

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.