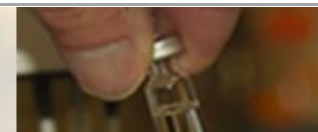
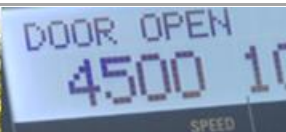


Hemp Proficiency Testing

Summary Statistics

HM23NOV-2 (hemp)



Sample: HM23NOV-2 (hemp)

Summary Statistics

Issue Date: January 7, 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	0.1631	29	0.02	12.3	5.24	3.12	0	14.8
Δ9-THCA (%AR)	002	0.0556	26	0.0085	15.2	6.16	5.15	0	72
CBD (%AR)	003	3.0213	20	0.3698	12.2	3.38	2.47	0.28	8.67
CBDA (%AR)	004	3.6989	19	0.6092	16.5	3.28	4.02	0.5	10.2
CBN (%AR)	005	0.0274	13	0.005	18.1	6.84	9.69	2.19	35.9
Total Δ9-THC (%AR)	006	0.2102	34	0.0286	13.6	5.04	3.71	0	16
Total CBD (%AR)	007	6.1418	22	0.8278	13.5	3.04	3.47	0.54	8.45
CBG (%AR)	010	0.1575	8	0.0428	27.2	5.27	4.59	0.25	16.2
CBGA (%AR)	011	0.4219	7	0.0257	6.1	4.54	3.47	0.52	6.48
CBC (%AR)	014	0.1754	7	0.0126	7.2	5.18	3.99	0.86	9.16
Moisture (%AR)	500	7.0735	16	2.1106	29.8	2.98	4.01	0	13
Δ9-THC (%DW)	501	0.1844	9	0.0279	15.1	5.14	1.72	0.56	11.9
Δ9-THCA (%DW)	502	0.0613	8	0.0056	9.17	6.07	3.88	0.64	10.7

Sample: HM23NOV-2 (hemp)		Summary Statistics					Issue Date:	January 7, 2024	
CBD (%DW)	503	3.1493	7	0.3949	12.5	3.36	1.92	0.59	4.07
CBDA (%DW)	504	3.8475	7	0.3674	9.55	3.26	1.66	0.24	3.23
Total Δ9-THC (%DW)	506	0.2278	14	0.0394	17.3	4.98	3.12	0.35	15.9
Total CBD (%DW)	507	6.812	10	0.7716	11.3	2.99	2.55	0.49	5.5

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	0.0255	10	0.0028	10.8	6.92	10.8	2.19	35.9
Total Δ9-THC (%AR)	GC	0.2079	10	0.0324	15.6	5.05	3.67	1.12	7.36
Total Δ9-THC (%AR)	LC	0.211	24	0.028	13.3	5.04	3.81	0	16
Total CBD (%AR)	GC	6.1711	6	1.1154	18.1	3.04	3.37	1.12	7.06
Total CBD (%AR)	LC	6.1006	16	0.7836	12.8	3.04	3.54	0.54	8.45
Total Δ9-THC (%DW)	LC	0.2301	11	0.0501	21.8	4.97	3.79	0.35	15.9
Total CBD (%DW)	LC	6.6049	8	0.7868	11.9	3.01	2.11	0.49	5.5

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	0.1606	16	0.0209	13	5.25	4.27	0.56	14.8
Δ9-THCA (%AR)	002.10	Other LC-UV	0.0538	15	0.0093	17.4	6.19	6.36	0	25.2
CBD (%AR)	003.10	Other LC-UV	3.0787	12	0.3198	10.4	3.37	2.47	0.59	4.88

CBDA (%AR)	004.10	Other LC-UV	3.7132	12	0.6465	17.4	3.28	3.59	0.5	10.2
CBN (%AR)	005.10	Other LC-UV	0.0258	6	0.0032	12.5	6.91	10.02	2.19	20.7
Total Δ9-THC (%AR)	006.10	Other LC-UV	0.1982	13	0.0372	18.8	5.09	3.97	0.34	15.9
Total Δ9-THC (%AR)	006.40	GC-FID	0.2079	10	0.0324	15.6	5.05	3.67	1.12	7.36
Total CBD (%AR)	007.10	Other LC-UV	6.0181	9	0.8187	13.6	3.05	3.28	0.54	5.75
Total CBD (%AR)	007.40	GC-FID	6.1711	6	1.1154	18.1	3.04	3.37	1.12	7.06
CBG (%AR)	010.99	Other	0.1409	6	0.0194	13.8	5.35	2.8	0.25	10.3
CBC (%AR)	014.99	Other	0.1723	6	0.0093	5.43	5.19	4.35	0.86	9.16
Moisture (%AR)	500.70	Commerc. Anal.	6.542	7	2.6334	40.3	3.01	5.15	0	13
Total Δ9-THC (%DW)	506.10	Other LC-UV	0.2183	7	0.0559	25.6	5.01	3.55	0.35	14.9

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.