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Testing cannabis flower for moisture content and potency in the same 90 second run by FTNIR

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Abstract: Cannabis manufacturing and compliance labs require efficient and accurate moisture and potency testing workflows to meet product and client turnaround times. This poster describes a novel FTNIR workflow that is non-destructive and takes less than 90 seconds per sample. The workflow is designed to be used at-line to the manufacturing line, or integrated into a ISO compliance lab, and is user-friendly for all lab users. The test takes 90 seconds per sample, so labs can now rapidly understand their flower quality to meet their operational and quality control requirements. Data will be presented to show the capabilities of the FTNIR for both cannabis and hemp across a wide cemo var range of varying moisture contents.