

CDC Tobacco Laboratory Lab b-roll Description

Division of Laboratory Sciences, National Center for Environmental Health

:01 CUT-01	A laboratory scientist prepares tobacco product samples for pH analysis. The pH of tobacco is important because it can influence how quick nicotine is absorbed.
1:17 CUT-02	<p>A laboratory scientist prepares and uses a smoking machine for cigarette analysis. CDC uses smoking machines to collect both the particulate matter and gases in mainstream cigarette smoke generated according to international standards.</p> <p>This machine captures smoke particulate on a pad which provides information on exposures to harmful chemicals in tobacco smoke.</p>
4:05 CUT-03	<p>Examples of various tobacco products measured in the tobacco laboratory. The scientist in the segment is measuring the physical properties of a tobacco product like its diameter and length, and filter length.</p> <p>The tobacco laboratory examines how tobacco product design influences smoke delivery to people.</p>
5:24 CUT-04	Tobacco smoke particulate samples are loaded into equipment for further analysis (pads inside of vials). The chemical analysis smoke collected on the pad provides information on what could be entering the human body by smoking.
6:34 CUT-05	A laboratory scientist prepares and uses a smoking machine for cigarette analysis. This machine captures smoked particulate in a collection tube for further laboratory analysis.

END

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