



## Certification for the Ignition Strength of Cigarettes

This certifies that samples submitted as the cigarette brands listed below have been tested to "PASS" by Arista Laboratories in accordance with the American Society of Testing and Materials ("ASTM") standard E2187-04 "Standard Test Method for Measuring the Ignition Strength of Cigarettes." The testing was conducted on 10 layers of filter paper with forty replicate tests per sample or test trial. An evaluation of "PASS" indicates the samples met a performance standard where no more than 25 percent of the cigarettes tested exhibited full length burns.

Arista Laboratories meets the requirements of ISO/IEC 17025-2005 "General Requirements for the Competence of Testing and Calibration Laboratories" and any additional program requirements in the identified field of testing. Testing and calibration laboratories that comply with this International Standard also operate in accordance with ISO 9001. As part of the methodology for measuring the ignition strength of cigarettes, Arista Laboratories maintains a quality control and quality assurance program that includes demonstration of a repeatability value no greater than 0.19.

<u>Brand</u>	<u>Style</u>	<u>Length (mm)</u>	<u>Circumference (mm)</u>	<u>Flavor</u>	<u>Filter</u>	<u>Packaging</u>
	LT	84.0	24.7	MEN	F	SP
	LT	84.0	24.6	NS	F	SP
	UL	83.3	24.7	NS	F	SP
	FF	83.0	24.7	MEN	F	SP

*Abbreviations used: ~~UL~~ Ultra Light (UL); Light (LT); Full Flavor (FF); menthol (men); non-specified (N/S); filter (F); non-filter (NF); soft package (SP); hard package (HP)*

Study Sponsor:

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 Testing Date

www.aristalabs.com

Arista Project Code:

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