

September 5, 1961

**ANALYSES OF SMOKE OF CIGARETTES WITH NO FILTER TIPS, FILTER
TIPS WITHOUT CARBON, FILTER TIPS WITH UNIMPREGNATED CARBON
AND FILTER TIPS WITH CARBON IMPREGNATED WITH MENTHOL.**

Subject analyses were carried out using our standard smoking procedure, i.e. smoking 47 mm of each cigarette taking one puff per minute of two seconds duration and of 35 ml volume. Results are expressed in milligrams per liter and milligrams per cigarette.

TOBACCO BLEND CIGARETTES

	<u>No Filter Tips</u>	<u>Filter Tips w/o carbon</u>	<u>Filter Tips w/ Unimpreg. Carbon</u>	<u>Filter Tips w/carbon Impregnated w/menthol</u>
Puffs/cig.	8.9	8.7	8.6	8.6
<u>Milligrams per liter</u>				
Total Particulate Matter	114.6	69.0	65.8	69.4
Nicotine	5.65	3.97	3.69	3.79
Sum of Vapor Constituents	8.42	8.50	7.79	8.22
Menthol				1.35

BRIGHT STEM CIGARETTES

Puffs/cig.	7.8	8.0	7.4	7.6
<u>Milligrams per liter</u>				
Total Particulate Matter	72.9	41.1	38.2	39.8
Nicotine	1.68	1.14	1.12	1.09
Sum of Vapor Constituents	9.84	8.45	7.71	9.04
Menthol				1.08

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TOBACCO BLEND CIGARETTES

	<u>No Filter</u>	<u>Filter Tips</u>	<u>Filter Tips w/</u>	<u>Filter Tips w/carbon</u>
	<u>Tips</u>	<u>w/o carbon</u>	<u>Unimpreg. Carbon</u>	<u>Impregnated w/menthol</u>

Milligrams per cigarette

Total Particulate Matter	35.7	21.0	19.8	20.9
Nicotine	1.76	1.21	1.11	1.14
Sum of Vapor Constituents	2.46	2.55	2.32	2.46
Menthol				0.42

BRIGHT STEM CIGARETTESMilligrams per cigarette

Total Particulate Matter	19.9	11.5	9.9	10.6
Nicotine	0.46	0.32	0.29	0.29
Sum of Vapor Constituents	2.76	2.39	2.19	2.56
Menthol				0.30