

TO: Mr. Frank E. Resnik

DATE: January 11, 1965

FROM: J. E. Wickham ✓

SUBJECT: Guardian - Non-Tobacco Cigarette

Guardian, a king size filter cigarette, is a non-tobacco cigarette made from dried lettuce. It has high TPM and phenol deliveries. The total and filter RTD are low for a filter cigarette. The filler (lettuce) contains no alkaloids and has a low sugar content. The Guardian factory is located in Oklahoma City, Oklahoma.

The data below are from a limited sample (less than 3 packs).

	<u>Guardian</u>
IBM Code	X4MV
<u>Smoke</u>	
TPM, mg/cigt	38.5
Nicotine, mg/cigt	none
Phenols, µg/cigt	102
<u>Cigarette</u>	
Total RTD, in. of H ₂ O	2.4
Length, mm	85.0
Circumference, mm	24.5
<u>Paper</u>	
Porosity, sec.	36
<u>Filter</u>	
RTD, in. of H ₂ O	0.8
Length, mm	12.9
Weight, gms	0.09
Fiber Denier	8.0
Fiber Shape	Y - Shaped
<u>Filler</u>	
Total alkaloids, %	None
Total reducing sugars, %	3.8
Weight of filler, gms	0.85
Gas Phase, O.G.P., mg/cigt	5.2

JEW:rab

cc: ADOC

Mr. R. P. Roper
Mr. H. Cullman
Mr. A. C. Britton
Mr. G. W. Macon
Mr. J. E. Lincoln

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12.9

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