

PHILIP MORRIS
U.S.A.
INTER-OFFICE CORRESPONDENCE
RICHMOND, VIRGINIA

To: Mr. L. F. Meyer

Date: November 15, 1972

From: J. E. Wickham

Project Number 8102

Subject: Home Testing Institute Samples 2281 vs. 2282
2281 = Red G39 and Black K48
2282 = Red K48 and Black G39

ANALYTICAL SUMMARY

This HTI test was rejected and will be remade. The tar deliveries were lower than specified.

	2281 M2BW	2282 M2BX
<u>Smoke</u>		
Butt Length, mm	28	28
FTC Tar, mg/cigt.	17.6	16.7
Nicotine, mg/cigt.	1.25	1.12
Puffs/cigt.	9.4	9.3
Filtration Eff., %	46	47
<u>Cigarette</u>		
Total RID, in. of H ₂ O	4.81	5.11
Static Burn. Time, min.	8.0	8.0
Length, mm	84.5	84.5
Circumference, mm	25.1	25.1
Coal Strength, % Removal	18	14
<u>Paper</u>		
Additive, type	Cit.	Cit.
Porosity, sec.	19	17
<u>Filter</u>		
RTD, in. of H ₂ O	3.03	3.08
Length, mm	20.9	21.0
Weight, gm	0.138	0.139
<u>Filler</u>		
Total alkaloids, %	1.71	1.55
Total reducing sugars, %	6.1	5.7
Wt. of Tob., gm	0.837	0.802
Rod Density, gm/cc	0.263	0.252
Reconstituted Tob., %	20.2	15.6
RKS, %	3.9	-
E. T., %	-	4.3
RKS + E. S., %	-	7.9
SBSS, %	-	3.4
Oven Volatiles, %	12.4	12.7

JEW:nwp

c: Mr. F. E. Resnik
Mr. R. N. Thomson

Mr. L. L. Long
Analytical File

1001850248

RECEIVED
R. N. THOMSON
NOV 17 1972

1001850249