

August 1, 1975

SILVA THINS Menthol
Durham Branch 7/29/75
Run #102, Test 15

<u>Physical Properties: (PS 1339-75)</u>	<u>R-575-M</u>	<u>R-575-N</u>	<u>R-575-0</u>
Length of Cigarette (mm)	100	100	100
Cigts/4 oz. - Target	107.5	107.5	109.5
Actual	107.4	106.6	109.2
Moisture (%)	12.2	12.4	12.4
Firmness (mm)	2.24	2.35	2.29
Circumference (mm)	22.2	22.2	22.2
Pressure Drop - Cigt. (cm)	11.0	12.0	10.2
Tip (cm)	4.0	5.0	3.8
Sieve Analysis - 2 mm (%)	21.7	25.3	26.8
1 mm (%)	55.4	55.4	55.6
$\frac{1}{2}$ mm (%)	21.6	18.1	16.6
Thru $\frac{1}{2}$ mm (%)	1.3	1.2	1.0
Loose Ends (%)	2.2	1.6	2.7
Fireholding (%)	20	20	20
Burning Rate (mg/min)	59.3	57.6	59.0

Tobacco Analysis: (T-3310-12)

TVB as Ammonia (%)	0.69	0.67	0.68
Nicotine (%)	2.05	1.99	2.04
TVB Minus Nicotine (%)	0.48	0.46	0.46
Sugars as Dext. (B.I.) (%)	6.8	7.1	7.0
(A.I.) (%)	10.9	11.3	11.0
Ash (%)	16.13	15.99	15.93
pH	5.70	5.65	5.65
Menthol - In Tobacco (mg/cigt)	3.88	4.37	4.14
In Tip (mg/tip)	0.28	0.19	0.20
Total (mg/cigt)	4.16	4.56	4.34

Smoke Analysis: (S-75-845-1-3)(4 port)

Length Smoked (mm)	67	67	67
Puffs per Cigarette	9.4	9.5	9.3
"Tar" (mg/cigt)	17	15	17
(mg/puff)	1.8	1.6	1.8
Nicotine (mg/cigt)	1.2	1.1	1.2
(mg/puff)	0.13	0.12	0.13
Menthol (mg/cigt)	0.56	0.53	0.54
(mg/puff)	0.06	0.06	0.06
Puffs per Cigarette	9.4	9.6	8.8

PRC:pct

cc: VBL-RMI
 RSS-RDC
 EG
 ECC
 PHL-EPB-RCB
 TPP-PRC
 JEY