

R. B. Seligman

DATE: April 22, 1976

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R. B. SELIGMAN

TEST: HTI # 8133/8134

Submitted by: L. Long

PURPOSE:

Sentinel Benson & Hedges 100 Cigarettes
VS Experimental Benson & Hedges 100
Cigarettes With TUB

TARGET PARAMETERS:

In analytical sheet for target parameters

RECOMMENDATIONS:

DISTRIBUTION LIST:

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1001852772

CI #2 DOMESTIC
BRAND

Benson & Hedges 100

EXPERIMENT 100
Benson & Hedges 100
With T.H.B.

IBM Code	MG BA		MG BB		B+H 100
Smoke	HTI # 8133		8134		CI 3-76
Butt Length, mm	35		35		35
FTC Tar, mg/cigt.	16.1 ✓		15.2 ✓		17.4
TPM, mg/cigt.	19.7		18.4		
Nicotine, mg/cigt.	1.05		0.98		1.07
Puffs/cigt.	93		91		9.1
Filtration Eff., %	49		50		49
Filler Rod TPM, mg/cigt.					
<u>Cigarette</u>					
Total RTD, in. of H ₂ O	5.21		5.1		4.8
mm of H ₂ O	1321		130		
Static Burn. Time, min.	7.0		6.6		6.8
Length, mm	99.21		99.3		99.4
Circumference, mm	25.0		24.8		24.7
COAL 51 Length, No. Removal Paper	19		26		
Additive, type	CI		CI		CI
Additive, %					
Porosity, sec.	15		15		15
<u>Filter</u>					
Type					
RTD, in. of H ₂ O	3.3		3.21		2.8
mm of H ₂ O	84		81		
Inner, in. of H ₂ O					
mm of H ₂ O					
Outer, in. of H ₂ O					
mm of H ₂ O					
Length, mm	27.0		27.0		26.9
Inner					
Outer					
Weight, gm	0.175		0.170		0.17
Inner					
Outer					
Carbon, mg/plug					
Fiber denier					
Fiber shape					
Tipping paper length, mm	32		32		32
Dilution, %					
<u>Filler</u>					
Total alkaloids, %	1.44		1.47		1.55
Total reducing sugars, %	6.5		6.6		7.2
Wt. of Tob., gm	0.846		0.842		0.83
Rod Density, gm/cc	0.236	Target	0.238	Target	0.236
Reconstituted Tob., %	16.7	15.4	19.21	19.5	16
RKS, %					
E. T., %	4.4	5.0	4.6	5.0	4
E. S., %	12.0	8.25	10.3	7.50	9

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