

THE AMERICAN TOBACCO COMPANY AGENCY ACTION MEMO

FROM: G.P. MARESLA

DATE: 6-10-92

MEDIA

<u>LCF&L</u>	<u>ATCO</u>
R. Adler-All	Hays
L. Stern ✓	Mullen ✓
M. Schan-C ✓	Johnston ✓
G. Fous ✓	Gesell ✓
M. Katz ✓	Noone ✓
J. Rosen ✓	Degenhardt ✓
J. Adamson-MY-P-T-M ✓	Holek ✓
G. August -M ✓	Maresca ✓
S. Sunshine ✓	Parento ✓
J. Matthews ✓	Lawlor ✓
	Smith ✓
	Brown ✓
	Wenick ✓
	Keane ✓
	DeMato ✓
	Cammarota ✓
	Ockers ✓
	Bogle ✓
	DeMasl ✓
	Burns ✓
	Vyse - All ✓
	Touger - All ✓
	Jarrett ✓
	Gupton ✓
	Klein ✓
	Fareri ✓
	Kadazzo ✓
	Wogerbauer ✓
	Ashkin ✓
	Willoughby ✓
	Puleo - All ✓
	Burt ✓
	Ferry - All ✓
	Albert ✓
	Ferrell ✓
	Murray ✓
	Platt - All ✓
	Sturdivant - All ✓

OUT OF HOME

- ✓ B. Chandler-All
- ✓ C. Lavin
- ✓ K. Radigan
- ✓ C. Gillis
- ✓ E. Quinn

ACCOUNT GROUP

✓ A. Magnane-All	✓ A. Evans-All
✓ L. DeLuca-C-M-MC	✓ J. Powers-MY-BD-L
✓ M. Hodas-C-M-MC	✓ J. Sargent-MY-BD-L

RESEARCH

- ✓ B. Cronin-All

TRAFFIC/ PRODUCTION

- ✓ J. Mitnick-All
- ✓ G. Calamari-All
- ✓ C. Liscandrello-ALL
- ✓ K. Knesnik-P-MY-BD
- ✓ F. Toth-M-MC-A-R
- ✓ L. Spak-C
- ✓ S. Singer-C

ACCOUNTING

- N. Muniz

McKenna - All ✓	
Strauss ✓	
T. Corrente - All ✓	
Wall ✓	
Spight ✓	
Hammond - All ✓	
Hirst ✓	
Pattis - All ✓	
Powers - All ✓	
Feinstein ✓	
Whiting - All ✓	
Druehl - All ✓	
Nicosia - All ✓	
McDermott - All ✓	
Kern ✓	
Leisure - All ✓	
Meyer - All ✓	
Culbreth ✓	
Kriz ✓	
Newmark - All ✓	
Blanks - All ✓	
Dougherty - All ✓	
Russell - All ✓	
Pierce - All ✓	
Voelker - All ✓	
Goodridge ✓	
Linkous ✓	
Gammons - All ✓	
	<u>SALES DIRECTORS</u>
	Riddell - C ✓
	Bunce - N ✓
	Pape - E ✓
	Sitler - S ✓
	Nicomede - W ✓
	<u>CLARION</u>
	✓ B. Goldfrach (L)
	✓ M. Bedell
	✓ L. Warnecke
	<u>R&QA</u>
	✓ Sprinkle - All ✓

RE: TITL - Market lot #34

Attached are the new T+N numbers for all ATCO brands based on Market lot #34. Please begin using these numbers on all materials. Also, attached is the entire TITL Market Sample #34 for all industry brands. Please note that if any product changes are made, they should be reported to ATCO media via the T+N change form.

634060146

6/10/92

ATCO TAR AND NICOTINE SUBSTANTIATION
(Based on Market Lot #34 TITL)

	<u>"TAR"</u> (mg/cigt)	<u>Nicotine</u> (mg/cigt)
AMERICAN LIGHTS KING	11	0.9
AMERICAN LIGHTS 100's	12	1.0
AMERICAN FULL FLAVOR KING	16	1.3
AMERICAN 100's FULL FLAVOR	16	1.3
AMERICAN LIGHTS 100's MENTHOL	11	0.9
BULL DURHAM LIGHTS	10	0.7
BULL DURHAM KINGS	15	1.1
ULTRA CARLTON KFHP	<0.5	<0.05
CARLTON KFHP	1	0.2
CARLTON KFSP	1	0.1
CARLTON KFMSF	1	0.1
CARLTON 100's 100FHP	1	0.1
CARLTON 100's 100FMHP	1	0.1
CARLTON 100's 100FSP	2	0.2
CARLTON 100's 100FMSP	2	0.2
CARLTON 120's 120FSP	5	0.5
CARLTON 120's 120FMSP	5	0.5
HERBERT TAREYTON KNFSP	25	1.7
LUCKY STRIKE RNFSP	25	1.6
LUCKY STRIKE KFSP	13	1.0
LUCKY STRIKE KFHP	13	1.0
LUCKY STRIKE FILTERS 100's 100FSP	13	1.1
LUCKY STRIKE LIGHTS KFSP	8	0.7
LUCKY STRIKE LIGHTS 100's 100FSP	9	0.8
MALIBU 100's 100 FSP	15	1.2
MALIBU MENTHOL LIGHTS 100's 100FMSP	11	1.0
MALIBU LIGHTS 100's 100FSP#	12	1.0
MALIBU ULTRA LIGHTS 100's	6	0.5
MISTY SLIMS LIGHTS 100's	9	0.8
MISTY SLIMS MENTHOL LIGHTS 100's	8	0.7
MISTY SLIMS FULL FLAVOR*	15	1.1
MISTY SLIMS FULL FLAVOR MENTHOL*	15	1.1
MONICLAIR FULL FLAVOR 100's	16	1.2
MONICLAIR LIGHTS 100's	12	1.0
MONICLAIR ULTRA LIGHTS 100's	6	0.5
MONICLAIR MENTHOL LIGHTS 100	12	1.0
MONICLAIR Menthol Lights King	11	0.9
MONICLAIR Lights King	11	0.9
MONICLAIR Full Flavor King	16	1.2
MONICLAIR ULTRA LIGHTS KING*	6	.6
MONICLAIR FULL FLAVOR MENTHOL 100*	16	1.2

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	<u>"TAR"</u> (mg/cigt)	<u>Nicotine</u> (mg/cigt)
PALL MALL KNFSP	26	1.8
PALL MALL 100's 100FSP	15	1.2
PALL MALL LIGHT 100's 100FSP	9	0.8
PALL MALL RED KFSP	15	1.2
PALL MALL RED 100FSP	15	1.2
RIVIERA FF KS Box*	17	1.2
RIVIERA FF 100 Box*	17	1.2
RIVIERA FF KS SP*	17	1.2
RIVIERA FF 100 SP*	17	1.2
RIVIERA Light KS SP*	12	1.0
RIVIERA Light 100 SP*	12	1.0
SILVA THINS FILTERS 100FHP	11	0.9
SILVA THINS MENTHOL 100FMHP	12	1.0
TALL 120's 120FSP	17	1.4
TALL 120's 120FMSP	16	1.4
TAREYTON KFSP	14	1.0
TAREYTON 100's 100FSP	14	1.0
TAREYTON LIGHTS KFSP	5	0.5
TAREYTON LONG LIGHTS 100FSP	8	0.7

Pickup Period: Estimated to be mid-March to April 1991.

*ATCo. Cigarette Specifications in use.

Denotes Current Change

0411B/2

634060148

A.T.Co. Tar & Nicotine Change Form

Date_____

Brand & Style_____

<u>From</u>		<u>To</u>	
<u>Tar</u>	<u>Nicotine</u>	<u>Tar</u>	<u>Nicotine</u>
(Mg/Cigt)	(Mg/Cigt)	(Mg/Cigt)	(Mg/Cigt)

Signature_____

NOTE: Use Separate Form For Each Change

634060149

X → KPN

Low - Full & ? DISMISSED

To: Mr. E. J. Gesell
Vice President - Marketing and Sales

From: R. S. Sprinkle, III
Executive Vice President - Research and Quality Assurance

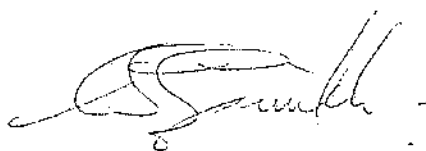
Re: TITL Results for Market Sample No. 34

We have received from The Tobacco Institute Testing Laboratory the results of their smoke analyses on Market Sample No. 34. This sample was picked up between mid-March and April 1991. An alphabetical listing of the results for all brands in this sample is attached.

Also attached is a comparison of TITL results for our brands with their specifications. All of our brands were within specification limits, with the following exceptions:

	TITL		Cigarette Specifications	
	"Tar" (mg)	Nicotine (mg)	"Tar" (mg/cigt)	Nicotine (mg/cigt)
CARLTON Filter Box	-	0.2	-	0.1
TALL Filter 120's	17	1.4	19 ±1	1.6 ±0.1
TALL Menthol 120's	16	-	18 ±1	-

JGB/mwt
Attachments



cc: Mr. D. S. Johnston
Mr. C. C. Kern, Jr.
Mr. G. L. Klemann, II
Mr. C. H. Mullen
Mr. J. M. Ockers
Mr. R. E. Smith
Mr. L. M. Tilley

634060150

Tobacco Institute Testing Laboratory
Market Sample 34
Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Alpine KFMHP.....	15	1.0	14
Alpine KFMSP.....	15	1.0	15
Alpine 100's 100FMSP.....	15	1.1	14
Alpine Lights KFMHP.....	9	0.7	10
Alpine Lights KFMSP.....	9	0.7	10
Alpine Lights 100's 100FMSP.....	9	0.7	11
American Filter King KFSP.....	16	1.3	14
American Filter 100's 100FSP.....	16	1.3	16
American Lights KFSP.....	11	0.9	12
American Lights 100's 100FSP.....	12	1.0	12
American Lights 100's Menthol 100FMSP.....	11	0.9	11
Belair KFMSP.....	10	0.8	10
Belair 100's 100FMSP.....	8	0.6	8
Belair Low Price KFMSP.....	14	1.2	13
Belair Low Price 100's 100FMSP.....	14	1.2	13
Belair Low Price Lights KFMSP.....	9	0.8	10
Belair Low Price Lights 100's 100FMSP.....	10	0.9	10
Benson & Hedges KFHP.....	14	1.2	11
Benson & Hedges 100's 100FHP.....	16	1.1	15
Benson & Hedges 100's Menthol 100FMHP.....	16	1.1	14
Benson & Hedges 100's 100FSP.....	16	1.1	15
Benson & Hedges 100's Menthol 100FMSP.....	15	1.1	14
Benson & Hedges Deluxe Ultra Lights 100's 100FHP.....	5	0.5	6
Benson & Hedges Deluxe Ultra Lights 100's Menthol 100FMHP.....	5	0.4	6
Benson & Hedges Lights 100's 100FHP.....	10	0.8	11
Benson & Hedges Lights 100's Menthol 100FMHP.....	11	0.8	11
Benson & Hedges Lights 100's 100FSP.....	10	0.8	11
Benson & Hedges Lights 100's Menthol 100FMSP.....	10	0.8	11
B & H Multifilter KFSP.....	12	0.9	10
B & H De-Nic KFHP.....	8	0.1	8
B & H De-Nic Menthol KFMHP.....	9	0.1	8
B & H De-Nic 100's 100FHP.....	8	0.1	8
B & H De-Nic 100's Menthol 100FMHP.....	8	0.1	8
Bristol KNFSP.....	27	1.7	16
Bristol Full Flavor KFSP.....	16	1.1	16
Bristol Full Flavor 100's 100FSP.....	15	1.1	18
Bristol Lights KFSP.....	10	0.8	12
Bristol Lights Menthol KFMSP.....	10	0.8	11
Bristol Lights 100's 100FSP.....	10	0.8	13
Bristol Lights 100's Menthol 100FMSP.....	11	0.9	13
Bucks Full Flavor KFSP.....	14	1.0	13
Bucks Lights KFSP.....	10	0.7	11
Bull Durham KFHP.....	15	1.1	15
Bull Durham Lights KFHP.....	10	0.8	10
Cambridge Full Flavor KFSP.....	17	1.1	15

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Tobacco Institute Testing Laboratory
Market Sample 34
Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Cambridge Full Flavor 100's 100FSP	17	1.1	16
Cambridge Lights KFSP	12	0.8	11
Cambridge Lights Menthol KFMSP	12	0.9	12
Cambridge Lights 100's 100FSP	11	0.8	13
Cambridge Lights 100's Menthol 100FMSP	11	0.8	13
Cambridge Ultra Low Tar 100's 100FSP	4	0.4	6
Camel RNFSP	22	1.5	13
Camel Filters KFHP	17	1.2	15
Camel Filters KFSP	15	1.1	13
Camel Filters 100's 100FSP	17	1.1	16
Camel Lights KFHP	9	0.7	12
Camel Lights KFSP	11	0.8	12
Camel Lights 100's 100FSP	11	0.8	12
Camel Ultra Lights KFHP	6	0.5	8
Camel Ultra Lights KFSP	6	0.6	8
Camel Ultra Lights 100's 100FHP	6	0.6	8
Capri 100FHP	10	0.8	6
Capri Menthol 100FMHP	9	0.7	6
Capri Super Slim 120's 120FHP	13	1.0	9
Capri Super Slim 120's Menthol 120FMHP	12	0.9	7
Carlton Ultra KFHP	< 0.5	< 0.05	< 0.5
Carlton KFSP	1	0.1	2
Carlton Menthol KFMSP	1	0.1	2
Carlton 83 KFHP	1	0.2	2
Carlton 100's 100FHP	1	0.1	2
Carlton 100's Menthol 100FMHP	1	0.1	1
Carlton 100's 100FSP	2	0.2	2
Carlton 100's Menthol 100FMSP	2	0.2	3
Carlton 120's 120FSP	5	0.5	4
Carlton 120's Menthol 120FMSP	5	0.5	4
Cartier 100 10's 100FHP	9	0.7	8
Cartier 100 10's Menthol 100FMHP	8	0.7	7
Cartier 100 20's 100FHP	8	0.7	7
Cartier 100 20's Menthol 100FMHP	9	0.7	7
Century 25's (25) KFSP	15	1.0	17
Century 25's 100's 100FSP	16	1.2	19
Century 25's Lights (25) KFSP	8	0.7	10
Century 25's Lights 100's 100FSP	11	1.0	12
Century 25's Lights 100's Menthol 100FMSP	11	0.8	13
Chelsea 100FHP	10	0.8	10
Chesterfield RNFSP	18	1.1	11
Chesterfield KNFSP	22	1.4	14
Chesterfield Filter Lights KFSP	10	0.7	11
Chesterfield Filter Lights 100's 100FSP	10	0.8	11
Class A Deluxe Full Flavor KFSP	15	1.1	14
Class A Deluxe Full Flavor 100's 100FSP	15	1.1	14

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Tobacco Institute Testing Laboratory
Market Sample 34
Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Class A Deluxe Lights KFSP.....	12	0.9	12
Class A Deluxe Lights 100's 100FSP.....	11	0.9	12
Class A Deluxe Ultra Lights 100's 100FSP.....	6	0.5	6
Commander RNFSP.....	22	1.4	12
Commander KNFSP.....	27	1.7	16
Dakota KFHP.....	16	1.2	15
Dakota Lights KFHP.....	11	0.9	11
Doral Full Flavor KFSP.....	15	1.2	14
Doral Full Flavor Menthol KFMSP.....	16	1.2	15
Doral Full Flavor 100's 100FSP.....	16	1.2	16
Doral Full Flavor 100's Menthol 100FMSP.....	16	1.2	17
Doral Lights KFSP.....	10	0.8	11
Doral Lights Menthol KFMSP.....	10	0.7	10
Doral Lights 100's 100FSP.....	11	0.9	10
Doral Lights 100's Menthol 100FMSP.....	9	0.7	13
Doral Ultra Lights KFSP.....	5	0.5	7
Doral Ultra Lights 100's 100FSP.....	5	0.5	7
English Ovals KNFHP.....	24	1.9	15
Eve Ultra Lights Slim 100's 100FHP.....	6	0.5	4
Eve Ultra Lights Slim 100's Menthol 100FMHP.....	6	0.6	5
Eve Lights 120's 120FHP.....	13	1.0	11
Eve Lights 120's Menthol 120FMHP.....	13	1.0	11
Eve Ultra Lights Slim 120's 120FHP.....	5	0.5	4
Eve Ultra Lights Slim 120's Menthol 120FMHP.....	5	0.5	4
Harley Davidson KFSP.....	11	0.8	12
Harley Davidson Lights KFSP.....	8	0.7	11
Herbert Tareyton KNFSP.....	25	1.7	18
Heritage Lights KFSP.....	10	0.9	12
Heritage Lights 100s 100FSP.....	11	0.9	14
Hi-Lite 100FHP.....	13	1.1	13
Horizon Lights 100FSP.....	11	0.8	11
Horizon Lights Menthol 100FMSP.....	11	0.9	11
Kent Golden Lights KFHP.....	7	0.6	9
Kent Golden Lights KFSP.....	8	0.7	10
Kent Golden Lights Menthol KFMSP.....	8	0.7	11
Kent Golden Lights 100s 100FHP.....	9	0.7	10
Kent Golden Lights 100s 100FSP.....	9	0.8	10
Kent Golden Lights 100s Menthol 100FMSP.....	9	0.8	10
Kent KFHP.....	11	0.8	12
Kent KFSP.....	12	0.9	13
Kent 100s 100FSP.....	13	0.9	13
Kent 100s Menthol 100FMSP.....	13	1.0	13
Kent III Ultra Lights KFSP.....	3	0.4	4
Kent III Ultra Lights 100s 100FHP.....	4	0.4	6
Kent III Ultra Lights 100s 100FSP.....	5	0.5	6
Kool RNFMSF.....	21	1.3	13

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Tobacco Institute Testing Laboratory
Market Sample 34
Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Kool KFMHP.....	15	1.0	15
Kool KFMSP.....	16	1.1	16
Kool Super Longs 100's 100FMSP.....	16	1.2	16
Kool Lights KFMSP.....	8	0.7	8
Kool Lights 100's 100FMSP.....	8	0.7	9
Kool Deluxe Lights KFMHP.....	9	0.8	10
Kool Deluxe Lights 100's 100FMHP.....	10	0.9	10
Kool Deluxe Ultra KFMHP.....	5	0.5	7
Kool Deluxe Ultra 100's 100FMHP.....	6	0.6	7
Kool Milds KFMHP.....	12	0.9	11
Kool Milds KFMSP.....	11	0.9	12
Kool Milds 100's 100FMSP.....	12	0.9	12
Kool Ultra KFMSP.....	2	0.2	2
Kool Ultra 100's 100FMSP.....	5	0.5	5
L & M KFHP.....	13	0.9	12
L & M KFSP.....	13	1.0	12
L & M Super 100 100FSP.....	11	0.9	12
L & M Long Lights 100FSP.....	8	0.8	6
L & M 30's 100's 100FSP.....	14	1.1	13
L & M 30's Lights 100's 100FSP.....	11	0.9	9
L & M 30's Ultra Lights 100's 100FSP.....	6	0.5	5
Lark KFSP.....	13	1.0	12
Lark 100FSP.....	14	1.1	13
Lark Lights KFSP.....	12	0.9	10
Lark Light 100's 100FSP.....	12	1.0	11
Lucky Strike RNFSP.....	25	1.6	16
Lucky Strike KFHP.....	13	1.0	13
Lucky Strike KFSP.....	13	1.0	13
Lucky Strike Filters 100's 100FSP.....	13	1.1	13
Lucky Strike Lights KFSP.....	8	0.7	10
Lucky Strike Lights 100's 100FSP.....	9	0.8	10
Magna KFHP.....	16	1.2	15
Magna KFSP.....	15	1.2	15
Magna Lites KFHP.....	11	0.8	12
Magna Lites KFSP.....	12	0.8	13
Malibu Filters KFSP.....	15	1.2	14
Malibu Menthol KFMSP.....	16	1.3	14
Malibu 100's 100FSP.....	15	1.2	15
Malibu Menthol 100's 100FMSP.....	11	1.0	11
Malibu Lights KFSP.....	9	0.7	9
Malibu Lights 100's 100FSP.....	9	0.8	11
Malibu Ultra Lights 100's 100FSP.....	6	0.5	7
Marlboro KFHP.....	16	1.1	14
Marlboro KFSP.....	16	1.1	14
Marlboro Menthol KFMSP.....	16	1.0	15
Marlboro 100's 100FHP.....	16	1.1	15

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Tobacco Institute Testing Laboratory
Market Sample 34
Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Marlboro 100's 100FSP.....	16	1.2	15
Marlboro 25's KFSP.....	16	1.1	14
Marlboro Lights KFHP.....	11	0.8	11
Marlboro Lights Menthol KFMHP.....	10	0.8	10
Marlboro Lights KFSP.....	11	0.8	11
Marlboro Lights 100's 100FHP.....	11	0.8	12
Marlboro Lights 100's Menthol 100FMHP.....	9	0.8	10
Marlboro Lights 100's 100FSP.....	10	0.8	11
Marlboro Lights 25's KFSP.....	11	0.8	11
Marlboro Ultra Lights KFHP.....	6	0.5	6
Marlboro Ultra Lights 100's 100FHP.....	6	0.5	7
Max 120s 120FSP.....	16	1.2	16
Max 120s Menthol 120FMSP.....	16	1.2	16
Merit KFHP.....	8	0.6	9
Merit KFSP.....	7	0.6	9
Merit Menthol KFMSP.....	8	0.6	9
Merit 100's 100FSP.....	10	0.8	11
Merit 100's Menthol 100FMSP.....	10	0.8	11
Merit Ultra Lights KFHP.....	5	0.4	6
Merit Ultra Lights KFSP.....	5	0.5	5
Merit Ultra Lights Menthol KFMSP.....	5	0.4	6
Merit Ultra Lights 100's 100FHP.....	5	0.5	7
Merit Ultra Lights 100's 100FSP.....	5	0.5	6
Merit Ultra Lights 100's Menthol 100FMSP.....	5	0.5	7
Misty Slims 100's Lights 100FHP.....	9	0.8	9
Misty Slims 100's Lights Menthol 100FMHP.....	8	0.7	8
Montclair Full Flavor KFSP.....	16	1.2	14
Montclair Full Flavor 100's 100FSP.....	16	1.2	16
Montclair Lights KFSP.....	11	0.9	12
Montclair Lights Menthol KFMSP.....	11	0.9	12
Montclair Lights 100's 100FSP.....	12	1.0	13
Montclair Lights 100's Menthol 100FMSP.....	12	1.0	13
Montclair Ultra Lights 100's 100FSP.....	6	0.5	7
More 120s 120FSP.....	16	1.2	19
More 120s Menthol 120FMSP.....	16	1.4	19
More Lights 100s 100FHP.....	9	0.8	10
More Lights 100s Menthol 100FMHP.....	9	0.7	9
More Lights 120s 120FSP.....	12	0.9	18
More Lights 120s Menthol 120FMSP.....	11	1.0	17
More White Lights 120s 120FSP.....	12	0.9	16
More White Lights 120s Menthol 120FMSP.....	12	1.0	16
Newport KFMHP.....	16	1.2	16
Newport KFMSF.....	17	1.3	17
Newport 100's 100FMHP.....	19	1.4	19
Newport 100's 100FMSP.....	19	1.4	19
Newport 25's KFMSF.....	17	1.3	17

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Market Sample 34
Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Newport 25's 100's 100FMSP.....	18	1.4	19
Newport Lights KFMHP.....	8	0.7	11
Newport Lights KFMSP.....	8	0.7	11
Newport Lights 100's 100FMHP.....	8	0.7	9
Newport Lights 100's 100FMSP.....	9	0.8	10
Newport Stripes 100FHP.....	11	0.9	14
Newport Stripes 100FMHP.....	11	0.9	14
Newport Stripes Slim Lights 100FMHP.....	10	0.8	11
Next De-Nic KFSP.....	9	0.1	9
Next De-Nic Menthol KFMSP.....	9	0.1	8
Next De-Nic 100 100FSP.....	9	0.1	9
Now KFHP.....	< 0.5	< 0.05	< 0.5
Now KFSP.....	1	0.1	2
Now Menthol KFMSP.....	1	0.1	2
Now 100s 100FHP.....	< 0.5	< 0.05	< 0.5
Now 100s 100FSP.....	2	0.2	3
Now 100s Menthol 100FMSP.....	2	0.2	3
Old Gold Straights KNFSP.....	26	1.8	18
Old Gold Filters KFSP.....	17	1.3	17
Old Gold Filter 100's 100FSP.....	18	1.4	18
Old Gold Lights KFSP.....	8	0.7	10
Old Gold Lights 100s 100FSP.....	12	1.0	14
Pall Mall KNFSP.....	26	1.8	16
Pall Mall 100's 100FSP.....	15	1.2	14
Pall Mall Gold Lights 100's 100FSP.....	15	1.2	14
Pall Mall Lights 100's 100FSP.....	9	0.8	11
Pall Mall Red Filters KFSP.....	15	1.2	13
Pall Mall Red Filters 100's 100FSP.....	15	1.2	14
Parliament Lights KFHP.....	9	0.7	9
Parliament Lights KFSP.....	9	0.7	10
Parliament Lights 100's 100FSP.....	12	0.9	11
Philip Morris International 100FHP.....	16	1.1	15
Philip Morris International Menthol 100FMHP.....	16	1.2	15
Players RNFHP.....	25	1.8	15
Players KFHP.....	11	0.8	11
Players Menthol KFMHP.....	11	0.8	11
Players 100's 100FHP.....	14	1.0	12
Players 100's Menthol 100FMHP.....	14	1.0	12
Players Lights 25's KFSP.....	10	0.8	10
Players Lights 25's Menthol KFMSP.....	10	0.8	10
Players Lights 25's 100's 100FSP.....	11	0.9	13
Players Lights 25's 100's Menthol 100FMSP.....	11	0.9	13
Pyramid KNFSP.....	21	1.3	14
Pyramid Full Flavor KFSP.....	14	1.0	13
Pyramid Full Flavor Menthol KFMSP.....	13	1.0	13
Pyramid Full Flavor 100's 100FSP.....	15	1.1	14

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Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Pyramid Full Flavor 100's Menthol 100FMSP	14	1.1	14
Pyramid Lights KFSP	11	0.8	12
Pyramid Lights 100's 100FSP	11	0.9	12
Pyramid Lights 100's Menthol 100FMSP	11	0.9	12
Pyramid Ultra Lights 100's 100FSP	5	0.5	5
Raleigh KNFSP	23	1.4	16
Raleigh KFSP	15	1.0	14
Raleigh 100's 100FSP	15	1.0	15
Raleigh Lights KFSP	11	0.9	12
Raleigh Lights 100's 100FSP	12	0.9	14
Raleigh Extra KFSP	17	1.0	17
Raleigh Extra 100's 100FSP	16	0.9	18
Raleigh Extra Lights KFSP	11	0.7	13
Raleigh Extra Lights Menthol KFMSP	10	0.7	11
Raleigh Extra Lights 100's 100FSP	12	0.8	15
Raleigh Extra Lights 100's Menthol 100FMSP	9	0.7	10
Richland 20's KFSP	17	1.2	14
Richland 20's Menthol KFMSP	16	1.1	15
Richland 20's 100's 100FSP	17	1.3	16
Richland 20's 100's Menthol 100FMSP	16	1.1	16
Richland 20's Lights KFSP	12	0.9	12
Richland 20's Lights 100's 100FSP	13	1.0	14
Richland 25's KFSP	17	1.2	14
Richland 25's Menthol KFMSP	16	1.0	15
Richland 25's 100's 100FSP	18	1.3	16
Richland Lights 25's KFSP	12	0.9	12
Richland Lights 25's 100's 100FSP	13	0.9	14
Ritz 100s 100FHP	10	0.8	10
Ritz 100s Menthol 100FMHP	11	0.9	11
Salem KFMHP	17	1.2	16
Salem KFMSP	17	1.3	16
Salem 100's 100FMSP	17	1.2	16
Salem Lights KFMSP	10	0.7	12
Salem Lights 100's 100FMHP	12	0.9	11
Salem Lights 100's 100FMSP	8	0.7	10
Salem Slim Lights 100's 100FMHP	9	0.7	9
Salem Ultra Lights KFMSP	5	0.4	7
Salem Ultra Lights 100's 100FMSP	5	0.4	7
Saratoga 120's 120FHP	14	1.1	14
Saratoga 120's Menthol 120FMHP	14	1.1	13
Satin 100FSP	11	0.9	13
Satin Menthol 100FMSP	11	0.9	13
Silva Thins Filters 100FHP	11	0.9	11
Silva Thins Menthol 100FMHP	12	1.0	11
Spring 100's Menthol 100FMSP	19	1.5	19
Sterling 100FSP	15	1.1	16

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Test Results - Rounded Values

Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Sterling Menthol 100FMSP	16	1.2	16
Sterling Lights 100FSP	10	0.8	11
Sterling Lights Menthol 100FMSP	9	0.8	10
Style Lights 100FHP	11	0.9	13
Style Lights Menthol 100FMHP	11	0.9	13
Style Ultra Lights 100FHP	4	0.4	5
Tall 120's 120FSP	17	1.4	18
Tall 120's Menthol 120FMSP	16	1.4	14
Tareyton KFSP	14	1.0	15
Tareyton 100's 100FSP	14	1.0	17
Tareyton Lights KFSP	5	0.5	6
Tareyton Long Lights 100FSP	8	0.7	8
Triumph KFSP	3	0.3	4
Triumph Menthol KFMSF	4	0.4	4
Triumph 100s 100FSP	5	0.4	6
Triumph 100s Menthol 100FMSP	5	0.5	6
True KFSP	4	0.4	5
True Menthol KFMSF	4	0.4	5
True 100's 100FSP	6	0.6	7
True 100's Menthol 100FMSP	6	0.6	7
Vantage KFSP	9	0.6	10
Vantage Menthol KFMSF	9	0.7	12
Vantage 100s 100FSP	9	0.7	10
Vantage 100s Menthol 100FMSP	8	0.6	11
Vantage Ultra Lights KFSP	5	0.4	7
Vantage Ultra Lights 100s 100FSP	5	0.4	7
Viceroy KFHP	16	1.1	14
Viceroy KFSP	17	1.2	14
Viceroy Super Long 100's 100FHP	16	1.2	14
Viceroy Super Long 100's 100FSP	17	1.2	15
Viceroy Lights KFHP	11	0.9	12
Viceroy Lights KFSP	11	0.9	12
Viceroy Lights 100's 100FHP	11	0.9	14
Viceroy Lights 100's 100FSP	12	0.9	13
Virginia Slims 100FSP	13	1.0	13
Virginia Slims Menthol 100FMSP	15	1.0	12
Virginia Slims Lights 100FHP	8	0.7	8
Virginia Slims Lights Menthol 100FMHP	8	0.7	8
Virginia Slims Lights 120's 120FHP	14	1.1	13
Virginia Slims Lights 120's Menthol 120FMHP	13	1.0	13
Virginia Slims Ultra Lights 100 100FHP	6	0.5	6
Virginia Slims Ultra Lights 100 Menthol 100FMHP	5	0.5	5
Virginia Slims Superslims 100 100FHP	6	0.5	7
Virginia Slims Superslims 100 Menthol 100FMHP	6	0.5	6
Winston KFHP	17	1.2	16
Winston KFSP	18	1.5	14

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Brand	"Tar" mg/cig	"Nicotine" mg/cig	CO mg/cig
Winston 100's 100FSP.....	17	1.1	17
Winston Lights KFHP.....	9	0.7	12
Winston Lights KFSP.....	10	0.7	11
* Winston Lights 100's 100FHP.....	11	0.8	12
Winston Lights 100's 100FSP.....	11	0.8	12
Winston Ultra Lights KFSP.....	6	0.6	8
Winston Ultra Lights 100's 100FSP.....	4	0.4	6
Craven A KFHP.....	14	1.1	13
Craven A Filter Standard Size KFHP.....	20	1.6	13
Dunhill International 100FHP.....	13	1.3	12
Dunhill Menthol 100FMHP.....	14	1.3	15
Dunhill Menthol Mild 100FMHP.....	10	0.9	10
Dunhill Int. Superior Mild 100FHP.....	8	0.8	9
Rothmans KFHP.....	17	1.3	17
Rothmans Special Mild KFHP.....	13	1.1	13
St. Moritz Filter 100FSP.....	15	1.1	15
St. Moritz Filter Menthol 100FMSP.....	15	1.1	15

* Retested brand

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