

13-Jan-95

Quality Assurance

Special Test Summary

Central Cigarette Lab

Brand : Monarch Lt. 100 Menthol @ Tobaccoville 3B-02
Item ID : 2001082AB Brand Sub 3915AD
Test Reason : G-7 Delamination
Parts A-C
Requested By : George H. Barnett

Alvin Turner
QA Lab Services

Dist:
T. R. Young

51217 8458

MA8389

Part - A

3951AD

BRAND: Monarch Lt 100 Menthol

FLOOR: Tobaccoville 3B-02

Item ID: 2001082AB

Reason: G-7 Delamination

Date: 13-Jan-95

Fill Ratio: 0.9520

Blend: H708

DATE	SHIFT	Puffs / Cig	Nicotine mg/cig	Tar mg/cig	CO mg	Pack Menthol %	Pack Moist %	Cig Wt. gms	Net Tob Wt. gms	Size mm	Dilution %	H.O. Draft	H.C. Draft	Firm 0.1 mm	Filling Cap	SIEVE		
																% Longs	% Mid	% Fines
Dec-06	8	8.2	0.71	10.9	12.3	0.60	11.83	0.9800	0.7009	24.82	33.2	110	148	8.5	510	32	53	15
	8	8.4	0.70	10.8	12.1	0.64	11.87	0.9860	0.7069	24.84	34.1	114	156	8.3	510	34	51	15
	8	8.3	0.69	10.5	11.6	0.63	11.76	0.9875	0.7084	24.85	35.0	111	152	8.2	514	32	52	15

Tar Avg. 10.7 Above Ship Limit

Corrected Filling Capacity 496ml

Stem Fraction % Coarse 3.07 % Fine 10.87

Tobacco Analysis % Nicotine 1.63 % Total Sugar 6.7

Target			9.0		0.65	12.25	0.9938	0.7147	24.75	34.0	110	160		500				
Action +/-			1.0			0.45	0.0219	0.0143	0.10	6.0								
Ship +/-			1.5		0.13	1.00	0.0417		9.0									
Count	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
AVG	8.3	0.70	10.7	12.0	0.62	11.82	0.9845	0.7054	24.84	34.1	112	152	8.3	511	32.7	52.1	15.2	
SD	0.1	0.01	0.2	0.3	0.02	0.05	0.0032	0.0032	0.01	0.7	1.7	3.3	0.1	1.9	0.6	0.6	0.1	
HIGH	8.4	0.71	10.9	12.3	0.64	11.87	0.9875	0.7084	24.85	35.0	114	156	8.5	514	34	53	15	
LOW	8.2	0.69	10.5	11.6	0.60	11.76	0.9800	0.7009	24.82	33.2	110	148	8.2	510	32	51	15	

MA8390

Part - B

Date: 13-Jan-95

3951AD
 BRAND: Monarch Lt 100 Menthol
 FLOOR: Tobaccoville 3B-02
 Item ID: 2001082AB

Reason: G-7 Delamination

Fill Ratio: 0.9549

Blend: H708

DATE	SHIFT	Puffs / Cig	Nicotine mg/cig	Tar mg/cig	CO mg	Pack Menthol %	Pack Moist %	Cig Wt. gms	Net Tob Wt. gms	Size mm	Dilution %	H.O. Draft	H.C. Draft	Firm 0.1 mm	Filling Cap	SIEVE		
																% Longs	% Mid	% Fines
Dec-02	8	8.5	0.67	10.0	11.9	0.62	12.11	0.9895	0.7104	24.81	37.7	113	162	9.2	509	33	52	15
	8	8.6	0.65	9.7	11.7	0.64	12.29	1.0025	0.7234	24.85	40.8	110	161	9.2	503	32	53	15
	8	8.5	0.67	9.9	11.5	0.65	12.39	1.0040	0.7249	24.86	39.9	112	164	8.7	503	34	52	14

Corrected Filling Capacity 505ml

Stem Fraction % Coarse 2.36 % Fine 10.66

Tobacco Analysis % Nicotine 1.63 % Total Sugar 7.5

Target			9.0		0.65	12.25	0.9938	0.7147	24.75	34.0	110	160	500				
Action +/-			1.0			0.45	0.0219	0.0143	0.10	6.0							
Ship +/-			1.5		0.13	1.00	0.0417				9.0						
Count	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
AVG	8.5	0.66	9.9	11.7	0.64	12.26	0.9987	0.7196	24.84	39.5	112	162	9.0	505	32.9	52.5	14.6
SD	0.0	0.01	0.1	0.2	0.01	0.12	0.0065	0.0065	0.02	1.3	1.2	1.2	0.2	2.8	1.1	0.5	0.6
HIGH	8.6	0.67	10.0	11.9	0.65	12.39	1.0040	0.7249	24.86	40.8	113	164	9.2	509	34	53	15
LOW	8.5	0.65	9.7	11.5	0.62	12.11	0.9895	0.7104	24.81	37.7	110	161	8.7	503	32	52	14

MA8392

3951AD

BRAND: Monarch Lt 100 Menthol

FLOOR: Tobaccoville 3B-02

Item ID: 2001082AB

Part - C

Reason: G-7 Delamination

Date: 16-Jan-95

Fill Ratio: 0.9756

Blend: H708

51217 8461

DATE	SHIFT	Puffs / Cig	Nicotine mg/cig	Tar mg/cig	CO mg	Pack Menthol %	Pack Moist %	Cig Wt. gms	Net Tob Wt. gms	Size mm	Dilution %	H.O. Draft	H.C. Draft	Firm 0.1 mm	Filling Cap	SIEVE		
																% Longs	% Mid	% Fines
Dec-07	8	8.4	0.72	10.8	12.6	0.63	11.70	0.9935	0.7144	24.88	33.1	113	153	8.2	514	33	53	14
	8	8.4	0.70	10.5	11.8	0.60	11.34	0.9830	0.7039	24.81	33.6	108	146	7.8	517	29	54	17
	8	8.4	0.70	10.6	12.3	0.62	11.52	0.9990	0.7199	24.85	35.6	112	155	7.8	519	32	53	15

Tar Avg. 10.6 Above Ship Limit

Pack Moisture Avg. 11.52% Below Action Limit

Corrected Filling Capacity 491ml

Stem Fraction % Coarse 2.7 % Fine 10.18

Tobacco Analysis % Nicotine 1.55 % Total Sugar 7.6

Target	9.0				0.65	12.25	0.9938	0.7147	24.75	34.0	110	160	500					
Action +/-	1.0					0.45	0.0219	0.0143	0.10	6.0								
Ship +/-	1.5				0.13	1.00	0.0417				9.0							
Count	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
AVG	8.4	0.71	10.6	12.2	0.62	11.52	0.9918	0.7127	24.85	34.1	111	151	7.9	517	31.2	53.3	15.5	
SD	0.0	0.01	0.1	0.3	0.01	0.15	0.0066	0.0066	0.03	1.1	2.2	3.9	0.2	2.3	1.7	0.7	1.0	
HIGH	8.4	0.72	10.8	12.6	0.63	11.70	0.9990	0.7199	24.88	35.6	113	155	8.2	519	33	54	17	
LOW	8.4	0.70	10.5	11.8	0.60	11.34	0.9830	0.7039	24.81	33.1	108	146	7.8	514	29	53	14	