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BRITISH AMERICAN TOBACCO COMPANY LTD
TECHNOLOGY CENTRE
Southampton England



TESTING
No 0604(N)

LABORATORY SERVICES Analytical Test Report

B.T.C.		Page 1 of 3
REC'D.	24 JUL 1991	
AGS <i>MR</i>	CCG <i>MR</i>	
91-0776 BCR	RTF	
CRJ <i>MR</i>	DJD	
DP	SRH	
Brand Analysis : 912-44-002		
No. AR.		
Subject		
To	Mr. A.R. Cousins, Product Development Dept., Woking	
Circulation	Mr. G.R. Wheatley, Woking MR. I.C. Brown, R&D Centre ✓ MR. W.E. Russell, Southampton Mr. A.A. Wicks, R&D Centre	
File	BA/BAT(UK&E) ROUTINE	
Id. codes	BA-91.0440/01, BA-91.0440/03	
Date	11-JUL-1991	
		Signed <i>K.L. Brayshaw</i>
		Mrs. K. L. BRAYSHAW Section Leader Brand Analysis
TESTS MARKED 'NOT NAMAS ACCREDITED' IN THIS REPORT ARE NOT INCLUDED IN THE NAMAS ACCREDITATION SCHEDULE FOR OUR LABORATORY		

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N.B. The following checks have been made
and have been confirmed :-

BACVS - FILTER WT.

401261634

PRODUCT DATA REPORT

VARIETY	BRAND NAME	MANUFACTURER	PACK SIZE	PACK TYPE	FILTER	MENTHOL	LENGTH
IDENTIFICATION	B + H SPECIAL	UNITED KINGDOM	20	HINGED LID	YES	NO	RING
VARIETY	CUSTOMER	MANUFACTURER	PACK SIZE	PACK TYPE	FILTER	MENTHOL	LENGTH
INFORMATION	UNFEB 90/91	GALLAGHERS	20	HINGED LID	YES	NO	RING
	OVERLIP	FILTER	M-SECTION	MM	T-SECTION	MM	VENTILATION TYPE
	PRINTED CORN UNPERF	SINGLE CELL ACET	10				

RESULTS			SMOKE MEASUREMENTS							TOBACCO MEASUREMENTS							***	
BATCH	DATE	SMIG	BUTT	FMWNE	TOTAL	FMWNE	TEM	WATER	PUFF	CARBON	MONOXIDE	NIC	RED	TOTAL	MOIST	MOIST		
CODE	REC'D	MG	LENGTH	MG	MG	MG	MG	MG	NO	MG	%	DWB	SUGAR	SUGAR	CONT.	CONT.		
				MG	MG	MG	MG	MG				%	DWB	DWB	REC	AT		
				MG	MG	MG	MG	MG				%	%	%	%	um gm		
BACD	15 OCT 90	F300	150	15.6	1.30	12	19.5	2.6	9.4	18.1	4.7	2.12	13.1	14.3	13.9	14.3		
BABY	7 FEB 91	F300	150	16.3	1.41	12	22.1	4.5	9.8	20.6	5.3	2.19	14.0	15.2	14.1	14.1		
BABY	12 FEB 91	F300	150									2.17	14.0	15.9	13.9			
BACHE	27 MAR 91	F300	150									2.02	13.8	15.8	13.1			
BACNI	23 APR 91	F300	150	15.9	1.24	13	21.0	2.8	9.4	19.3	4.7	2.18	13.0	15.3	13.6	14.1		

CURRENT BATCH RESULTS

BACVS 4 JUN 91 F300 150 0.19 13.9 14.3 14.3

95% CL ON CURRENT RESULTS (+/-)

NUMBER OF OBSERVATIONS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

RESULTS (CONT) :				PHYSICAL MEASUREMENTS												***	
BATCH CODE	PACKET CODE	TIF	FILL	CIG	PD	PD	PD	LGTH	LGTH	LGTH	LGTH	CIRC	WT	WT	WT	WT	
		VENTILATION %	DENSITY 910.5K/MC	PAPER PERM (CU)	TOTAL MM WG	ROD MM WG	FILTR MM WG	TOTAL MM	ROD MM	FILTR MM	NETT		TOTAL G	ROD G	FILTR NETT G	TIP G	
BABDU			260	40	147	67	80	84	64	20	24	24.78	1.02	0.85	0.140	0.170	
BABYU			255	40	150	70	80	84	64	20	24	24.78	0.99	0.84	0.120	0.150	
BABYU			257	39	150	64	83	84	64	20	24	24.79	0.99	0.83	0.116	0.151	
BACHE			254	35	142	66	77	84	64	20	24	24.86	0.99	0.82	0.120	0.170	
BACNI			257	43	151	70	79	84	64	20	24	24.81	0.99	0.84	0.120	0.150	

CURRENT BATCH RESULTS

BACVS 260 39 150 69 80 84 64 20 24 24.84 1.00 0.85 0.110 0.150

95% CL ON CURRENT RESULTS (+/-)

NUMBER OF OBSERVATIONS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

*** RESULTS UNDER THESE HEADINGS ARE NOT NABAS ACCREDITED ***

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PRODUCT DATA REPORT

VARIETY IDENTIFICATION :	BRAND NAME ROTHMANS	MARKET UNITED KINGDOM	PACK TYPE UNFOLDED	FILTER YES	PAPER NO	LENGTH KING
VARIETY INFORMATION :	CUSTOMER UN-E Working	MANUFACTURER ROTHMANS	PACK SIZE 20	PACK HINGED LID	CIG PAPER UNPERF	PRODUCT CODE
	OVERTIP	FILTER	M-SECTION	(MM) C-SECTION	(MM) T-SECTION	(MM) VENTILATION TYPE
	PRINTED CODE UNPERF	SINGLE	CELL ACET	20		

RESULTS : SMOKE MEASUREMENTS TOBACCO MEASUREMENTS ***

DATE	SMKG	BUTT	PMWNE	TOTAL	PMWNE	TPM	WATER	FULL	CARBON	NIC	RED	TOTAL	MOIST	MOIST
BATCH OF	MG	LENGTH	MG	MG	/TOTAL	MG	MG	NO	MONOXIDE	DWB	DWB	SUGAR	SUGAR	CONT.
CODE	MG	MG	MG	MG	MG	MG	MG	MG	MG	%	%	%	%	REC
RECEIPT	MG	MG	MG	MG	MG	MG	MG	MG	MG	%	%	%	%	AT
MG	MG	MG	MG	MG	MG	MG	MG	MG	MG	%	%	%	%	SM/G
BABDX 15 OCT 90 F300	150	12.9	1.20	11	17.2	3.1	8.6	15.7	4.0	2.19	13.5	14.7	13.8	18.8
BABYY 7 FEB 91 F300	150	14.3	1.39	10	19.1	3.4	9.0	15.4	4.3	2.33	14.5	15.9	13.4	14.2
BABZZ 10 FEB 91 F300	150									2.42	14.4	15.7	13.4	
BACUP 27 MAR 91 F300	150									2.28	12.1	15.1	13.0	
BACRU 1 APR 91 F300	150	14.9	1.17	11	19.4	3.1	8.1	15.7	4.1	2.19	13.5	14.7	13.8	18.8

CURRENT BATCH RESULTS

BACVU 1 JUN 91 F300	150									0.34	13.3	15.0	13.2	
PERCENT ON CURRENT RESULTS (+/-)														
NUMBER OF OBSERVATIONS														

RESULTS (CONT) : PHYSICAL MEASUREMENTS ***

LATCH	PACKET	TIP	VENTILATION	FILL	CIG	PD	PD	PD	LGTH	LGTH	LGTH	LGTH	WT	WT	WT	WT
CODE	CODE	%	STD	DENSITY	PAPER	TOTAL	ROF	FILTR	TOTAL	END	FILTR	GTIP	CIRC	TOTAL	ROF	FILTR
MG/CC	CU	MM WG	MM WG	MM WG	MM	MM	MM	MM	MM	MM	MM	MM	G	G	NETT G	TIP G
BABDX 02402		247	95	112	52	56	84	64	20	24	24.91	0.98	0.82	0.120	0.160	
BABYY 10203		262	97	113	60	55	84	64	20	26	24.87	0.99	0.83	0.120	0.160	
BABZZ 10203		252	101	112	55	59	84	64	20	26	24.84	0.99	0.83	0.120	0.160	
BACHE 10904		241	86	105	49	58	84	63	21	26	24.74	0.99	0.83	0.121	0.158	
BACRU 10104		260	84	112	64	55	84	64	20	26	24.78	1.00	0.84	0.120	0.160	

CURRENT BATCH RESULTS

BACVU	255	103	114	61	54	84	64	20	26	24.76	0.99	0.83	0.120	0.160		
PERCENT ON CURRENT RESULTS (+/-)																
NUMBER OF OBSERVATIONS																

*** RESULTS UNDER THESE HEADINGS ARE NOT NAMAS ACCREDITED ***

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B.A.T Co Technology Centre Southampton

18-JUL-1991

Physical Tests Summary Report

Brand Analysis

Job Name : BA-91.0440

Project No. : 912-44-002

Customer : UK+E Woking

Log Code	Brand/Code	Static Burn Rate (secs/40mm)	End Stab (mg/end)	Hexane Flot. (%)	Coal Retn. (%)	Firmness (%)	Moisture Content (%)	Firmness at 13.5% (%)
BA-91.0440/01	B + H SPECIAL	495	0.39	0.3	100.0	76.3	13.3	75.8
BA-91.0440/03	ROTHMANS	443	0.36	3.2	100.0	73.7	11.8	67.6

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