

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025: 2005</p>	<h3>Filtrona International Limited</h3> <p>Issue No: 017 Issue date: 27 February 2012</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CIGARETTES	<u>Chemical Tests</u>	Documented In-House Methods based on National and International Standards
Cigarette smoke	Intense smoking regime (Canadian) for collection of smoke for Total Particulate Matter and Carbon Monoxide	SM/032
	Smoking for collection of mainstream smoke for:	SM/030
	Total Particulate Matter and puff number	SM/010, SM/020, and SM/060 based on ISO 4387:2000
	Carbon Monoxide Nicotine Water	SM/050 based on ISO 8454:2007 SM/085 based on ISO 10315:2000 SM/080 based on ISO 10362-1:1999
	Calculated value:	
	Nicotine free dry particulate matter (NFDPM)	Determined from Total Particulate Matter, Nicotine and Water values
	pH	SM/150
	Menthol	SM/130 based on draft ISO 13110
	Benzo- α -pyrene	SM/140 based on ISO 22634:2008
	Phenols: Catechol m & p-Cresol o-Cresol Hydroquinone Phenol Resorcinol	Documented In-House Method SM/087 using HPLC with fluorescence detection



1004
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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
CIGARETTES (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods based on National and International Standards
	Smoking for collection of sidestream smoke for:	SS/034
	Carbon Monoxide	SS/020 based on ISO 20774:2007
	Phenols: Catechol m & p-Cresol o-Cresol Hydroquinone Phenol Resorcinol	Documented In-House Method SS/030 using HPLC with fluorescence detection
Cigarette Filters	Retention of Particulate Matter and Nicotine	SM/010 SM/020 SM/040 SM/070 SM/080 SM/100
CIGARETTES	<u>Physical Tests</u>	
Cigarettes and Cigarette Filters	Weight Pressure drop Paper Porosity Length	PM/040 based on ISO 4387:2000 PM/030 based on ISO 6565:2002 PM/050 based on ISO 2965:1997 PM/070 based on ISO 4387:2000
	Pressure drop/Draw resistance Percentage ventilation Circumference/Diameter	PM/015 based on ISO 6565:2002, ISO 9512:2002 and ISO 2971:1998
TOBACCO	<u>Chemical Tests</u>	Documented In-House Methods
	Moisture	HT/05 by oven drying
	Reducing substances	HT/130 by continuous flow analysis
	Total alkaloids	HT/160 by continuous flow analysis
	Ammonia	HT/20 by ion chromatography
	END	