

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



2727

Accredited to  
ISO/IEC 17025:2005

### G&M Procter Ltd

Issue No: 010 Issue date: 16 November 2011

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Testing performed at the above address only

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MICROBIOLOGICAL CULTURE MEDIA Ready to use or partially completed liquid and solid (agar) media, including diluents, packaged for sale to customer	Performance testing of physical and microbiological parameters to support production quality of finished items for sale  <u>Physical Tests</u>  Appearance and colour  Appearance – Bits and Bubbles  Appearance – Deposits  Opacity and clarity  Fill volume weight check  pH  Sterility at 22 °C, 32 °C, 37 °C and 44 °C	Documented In-house methods based on DD CEN ISO/TS 11133-1:2009 and DD CEN ISO/TS 11133-2:2003+ A1:2011 unless otherwise indicated  1) SOP PROD 178 colour of plated media by visual observation  2) SOP PROD 183 colour of bottled media by visual observation  SOP PROD 160 bits and bubbles in plated and bottled media by visual observation  SOP PROD 165 deposit in bottled liquid media by visual observation  SOP PROD 166 for plated and bottled media by visual observation  1) SOP PROD 074 gravimetric in-process check for plated media  2) SOP PROD 154 gravimetric in-process check for bottled media  SOP PROD 053 measurement using a pH meter  SOP PROD 167 visual assessment or cultural checks following incubation for 5 or 14 days (media dependent)



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<p>MICROBIOLOGICAL CULTURE MEDIA Ready to use or partially completed liquid and solid (agar) media, including diluents, packaged for sale to customer (cont'd)</p>	<p>Performance testing of physical and microbiological parameters to support production quality of finished items for sale (cont'd)</p> <p><u>Physical Tests</u> (cont'd)</p> <p>Shrinkage</p> <p><u>Microbial Performance Tests</u></p> <p>Fertility of specified target organism(s) (Agar)</p> <p>Fertility of specified target organism(s) (Liquid Media)</p> <p>Fertility of specified target organism(s) (Stab Technique)</p> <p>Fertility and Inhibition of specified organisms</p> <p>Productivity testing of <i>Trichomonas vaginalis</i> medium using <i>Trichomonas vaginalis</i></p> <p>Productivity testing of Blood Agar Base for growth of <i>Haemophilus influenzae</i> with X and V Factor discs</p> <p>Inhibition</p>	<p>Documented In-house methods based on DD ENV ISO 11133-1:2009 and DD CEN ISO/TS 11133-2:2003 unless otherwise indicated (cont'd)</p> <p>SOP PROD 161 visual assessment of agar media (plates and bottles) after 5 days sterility incubation</p> <p>SOP PROD 151 quantitative evaluation using WASP spiral plater or drop inoculum technique for agar media (plates and bottles)</p> <p>SOP PROD 151 semi-quantitative evaluation using end point dilution for liquid media</p> <p>SOP PROD 174 semi-quantitative evaluation of visual growth from stab inoculum for bottled agar media</p> <p>SOP PROD 234 semi-quantitative evaluation using end point dilution for Bolton Broth</p> <p>SOP PROD 148 using microscopic check for growth of <i>T vaginalis</i></p> <p>SOP PROD 173 quantitative recovery in the presence of growth factors</p> <p>SOP PROD 155 evaluation of inhibition of a heavy streak or drop inoculum for selective agar and fluid media</p>



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<p>MICROBIOLOGICAL CULTURE MEDIA Ready to use or partially completed liquid and solid (agar) media, including diluents, packaged for sale to customer (cont'd)</p>	<p><u>Microbial Performance Tests</u> (cont'd)</p> <p>Partial inhibition</p> <p>Maintenance of viability</p> <p>Zone diameter (mm) associated with microbial growth on antibiotic sensitivity agars</p>	<p>Documented In-house methods based on DD ENV ISO 11133-1:2009 and DD CEN ISO/TS 11133-2:2003 unless otherwise indicated (cont'd)</p> <p>SOP PROD 150 log reduction of inoculum using WASP spiral plater or drop inoculum, for selective agar or liquid media</p> <p>SOP PROD 139 quantitative evaluation of viability maintenance in diluents over a holding time of 30 or 45 mins at 25 °C or 2 hrs at 23 °C (media dependent)</p> <p>SOP PROD 303 Measurement of zone size produced on antibiotic sensitivity testing agar with combinations of organisms and antibiotic discs using Protocol Counting System or callipers, based on:</p> <p>a) BSAC - British Society for Antimicrobial Chemotherapy ver 10.2, May 2011 or</p> <p>b) NCCLS - Clinical &amp; Laboratory Standards Institute M100-S21, vol 31, No1 January 2011 or</p> <p>c) EUCAST - European Committee on Antimicrobial Susceptibility Testing, Ver 1.1 June 2010</p>



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	<p><u>Biochemical and physical attribute tests:</u></p> <p>Colonial Appearance</p> <p>Colour change or Gas production</p> <p>DNase Activity</p> <p>Fluorescence</p> <p>Gelatin Hydrolysis and acid production</p> <p>Gelatin liquefaction</p> <p>Haemolytic Reactions of Streptococci</p>	<p>1) SOP PROD 199 visual assessment of colonial characteristics when growing on plated agar media</p> <p>2) SOP PROD 198 visual assessment of colonial characteristics when growing on bottled agar media</p> <p>SOP PROD 187 semi-quantitative visual evaluation of appearance changes in inoculated liquid media</p> <p>SOP PROD 181 semi-quantitative evaluation using Hydrochloric acid on DNase Agars (with or without supplements)</p> <p>SOP PROD 184 semi-quantitative visual evaluation of inoculated plated and bottled media for fluorescence under UV light</p> <p>SOP PROD 192 semi-quantitative visual evaluation of inoculated Staphylococcus Medium no 110</p> <p>SOP PROD 149 semi-quantitative visual evaluation using stab technique for Lactose Gelatin Medium</p> <p>SOP PROD 186 semi-quantitative visual evaluation of inoculated blood containing plated agars</p>



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MICROBIOLOGICAL CULTURE MEDIA Ready to use or partially completed liquid and solid (agar) media, including diluents, packaged for sale to customer (cont'd)	<u>Biochemical and physical attribute tests:</u> (cont'd)  Indole Production  Motility  Nitrate Reduction	Documented In-house methods based on DD ENV ISO 11133-1:2009 and DD CEN ISO/TS 11133-2:2003 unless otherwise indicated (cont'd)  SOP PROD 185 semi-quantitative visual evaluation using James Reagent in inoculated liquid media and plated agar media  SOP PROD 175 semi-quantitative evaluation of visual growth from stab inoculum for bottled Motility Medium  SOP PROD 176 semi-quantitative visual evaluation of nitrate reduction from stab inoculum in Buffered Nitrate Motility Medium
	END	