

TWO STEPS FOR FAST, ACCURATE PLATE READING

CLASSIFICATION ProtoCOL 2 Batch creation

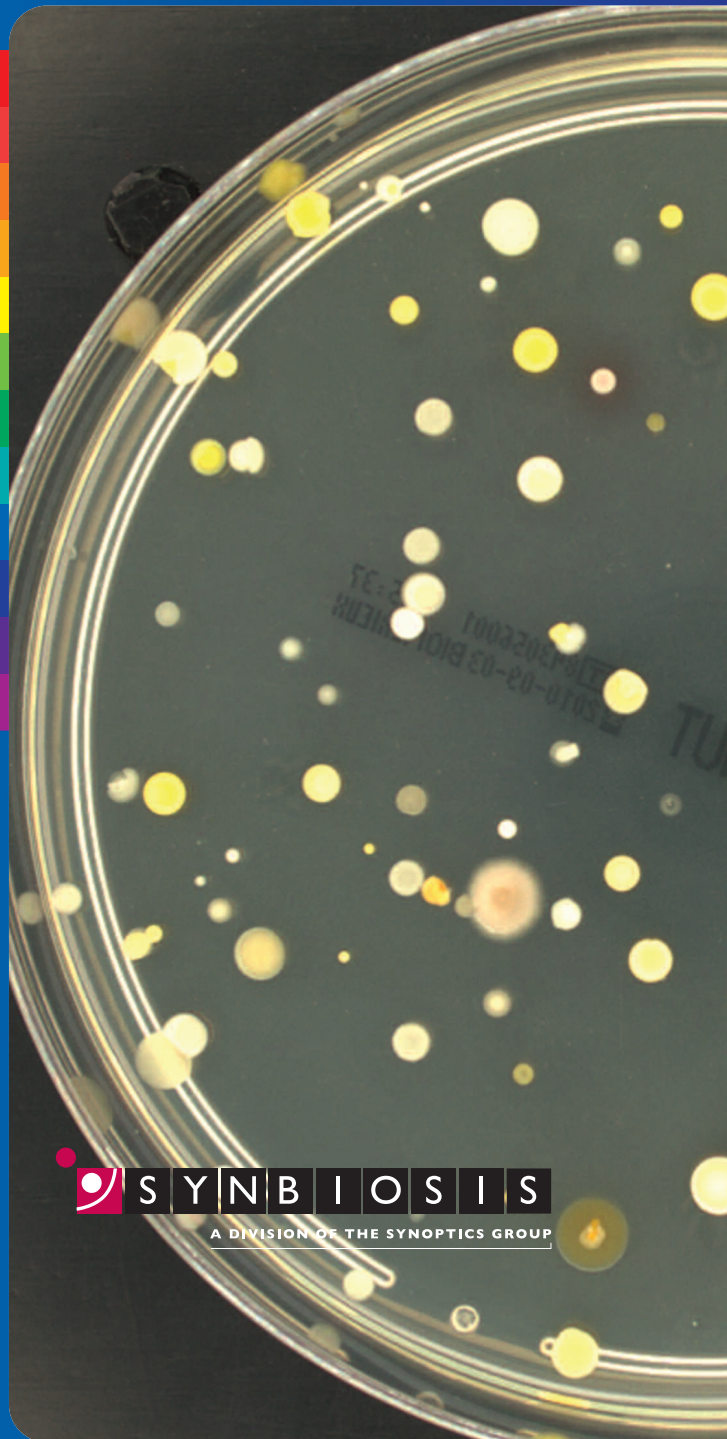
- Differentiate between colour, size and shape
- Upper and lower count limits can be set i.e. <10 cfu or >300 cfu
- Selection of a counting area i.e. whole plate or half plate
- Separation of touching colonies
- Exclusion of unwanted items such as moulds, or bubbles

MEASURE Count using ProtoCOL 2

- Automated count in seconds
- Detection of organisms as small as 43µm
- Average multiple plate counts
- Counts and images stored automatically
- Manually, add or delete colonies with an audit trail to comply with GMP/GLP
- Results can be directly transferred to a LIMS system, Excel or entered into one of ProtoCOL 2's customisable reports



MICROBIAL LIMITS TESTING - POUR PLATE



Synbiosis USA Headquarters:
5108 Pegasus Court Suite M
Frederick MD 21704 USA
Tel: 800-686-4451/301-662-2863
Fax: 301-631-3977
email: ussales@synbiosis.com

Synbiosis Europe and
International Headquarters:
Beacon House Nuffield Road
Cambridge CB4 1TF UK
Tel: +44 (0)1223 727125
Fax: +44 (0)1223 727101
email: sales@synbiosis.com

Website: www.synbiosis.com

A.021.11.10 All trademarks acknowledged



MICROBIAL LIMITS TESTING-POUR PLATE

SEPARATION OF TOUCHING COLONIES



DILUTION FACTOR



ACCURATE TOTAL COUNT



REPORTING



ProtoCOL 2 with its easy to use software, built in MS SQL Server database and touch screen interface makes the counting of pour plates fast, secure and accurate



- Microbial Limit Test is designed to perform the quantitative estimations of specific viable microorganisms present in samples
- There are four methods for this test, of which the most common is the pour plate method
- The pour plate method is designed primarily to determine whether or not a substance complies with microbiological requirements specified in the relevant pharmacopoeia, by giving a quantitative enumeration of the presence of aerobic microorganisms