

Product Name :
AATCC Mineral Salts Agar

Product Code :
NLAB-CHEMICALSIND21008

Description :

AATCC Mineral Salts Agar

Technical Specification :

AATCC Mineral Salts Agar

AATCC Mineral Salts Agar is recommended for evaluation of fungicides used on textiles and to study the resistance of textiles to mildew and rot.

Principle And Interpretation

AATCC Mineral Salts Agar is used as per the procedure described by American Association of Textile Chemists and Colourists.

These procedures are employed for testing:

- a) Initial mildew resistance of textiles,
- b) Perseverance of mildew resistance,
- c) Fungicidal potency of textile fungicides testable, Standard Minimum protective concentration, permanence indices, including resistance to leaching, volatilization and weathering.

Ammonium nitrate acts as a nitrogen source. Dipotassium and monopotassium phosphate provides buffering to the medium. Magnesium sulphate and ferrous sulphate are sources of ions that simulate metabolism.

Quality Control

Appearance: Cream to beige homogeneous free flowing powder

Reaction: Reaction of 2.78% w/v aqueous solution at 25°C. pH : 5.6±0.2

pH: 5.40-5.80

Gelling: Firm, comparable with 2.0% Agar gel.

Colour and Clarity of prepared medium: Light amber coloured clear to slightly opalescent gel.

Storage: Store below 30°C and the prepared medium at 2-8°C.

Naugralabequipments

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