

Product Name : Adams Agar	Product Code : NLAB-CHEMICALSIND21011
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Description :

Adams Agar

Technical Specification :

Adams Agar

Adams Agar is recommended for examining sporulation in yeasts.

Principle And Interpretation

Sporulation is one of the most important characteristics for yeast taxonomic and genetic studies and makes possible the controlled hybridization of new strains. The formation of adequate numbers of 4-spored asci in yeasts is essential for genetical analysis, and, as spore viability decreases with age, it is advisable to induce rapid sporulation and transfer spores as soon as possible to a nutrient medium containing sugar. Acetate and dextrose are used as carbon sources. Sporulation depends on the state of the culture, the suitability of the medium employed and environmental factors. Adams has described a convenient way of obtaining ascospores from Bakers yeast.

Quality Control

Appearance: Off-white to light yellow homogeneous free flowing powder

Gelling: Firm,comparable with 2.0% Agar gel.

Colour and Clarity of prepared medium: Yellow coloured clear gel forms in tubes as slants.

Naugralabequipments

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