

Sabouraud Dextrose Agar

Product Number: SDA-250g

Product details

Formula of culture medium (per liter); pH5.6 ± 0.2(25°C)

Component	Weight
Mixture of Peptic Digest of Animal Tissue and Pancreatic Digest of Casein (1:1)	10.0g
Dextrose	40.0g
Agar	15.0g

Instructions

Weigh 65.0g of this product into 1L of distilled water or deionized water, heat and boil until completely dissolved, divide and sterilize at 121°C for 15 minutes or 115°C for 30 minutes. After sterilization, shake well to prevent the agar from settling at the bottom of the vessel and solidifying. Set aside for later use.

Quality control example

1. Physical and chemical testing

Inspection items	Inspection standards	Inspection results
Powder appearance	Yellow powder, uniform and free of impurities	Yellow powder, uniform and free of impurities
Solution or colloid	Yellow, transparent and free of impurities	Yellow, transparent and free of impurities
Gel strength	450 ~ 550g/cm ²	500g/cm ²
pH(25°C)	5.6±0.2	5.72
Moisture content	≤5%	4.1%

2. Sensitivity test

Quality control strains	Culture conditions	Growth rate	Conclusion
Candida albicans CMCC(F)98001	20-25°C48h	96%	Good growth, typical characteristics, pass
Candida albicans CMCC(F)98001	30-35°C24h	91%	Good growth, typical characteristics, pass
Aspergillus niger CMCC(F)98003	20-25 °C for 5 days	126%	Good growth, producing black mycelium, Pass
Aspergillus niger CMCC(F)98003	20-25 °C for 3 days	102%	Good growth, producing black mycelium, Pass