

BA101 GORDEN-McLEOD REAGENT(OXIDASE REAGENT)

Formula

Reagents:

*N,N,N.N-Tetra methyl-P-phenylene diamine hydrochloride	1.00 g
Ascorbic acid	1.00 g
Distilled water	100.00 ml

Directions:

1. Place 2-3 drops of reagent on to a filter paper in a petri dish.
2. With a platinum wire loop (not nichrome), plastic loop or glass rod, smear some of the colonies from Nutrient Agar (B550) on the prepared filter paper.
3. Observe for appearance of deep blue - purple color within 10 seconds.

Precautions :

1. For Laboratory Use.
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.
3. *Hazardous chemical.Handle carefully.

Use: The reagent is used for detection of oxidase activity of a bacterial culture.

Quality Control:

Appearance: Dark amber coloured clear solution

Microbiological testing

MICROORGANISM (ATCC)	OXIDASE TEST
Pseudomonas aeruginosa (27853)	Positive (Dark purple colour)
Escherichia coli ATCC 25922	Negative (No colour change)

Storage: Between 15°C - 30 °C.

Packing : 100 ml bottle