

Oxidase Reagent

TN 1517 12 x 1 bottle



Intended use

Used to test for the oxidase reaction.

Form

Powder

Colour

White

Storage

Protected from light, at 15...25 °C.

Shelf life

1 year

Typical composition

Component	mg/bottle
Tetramethyl-p-phenylene diamindihydrochloride	20.0

Directions

Dissolve the contents of one bottle Oxidase Reagent (TN 1517) in 2 ml sterile distilled water. Once dissolved, Oxidase Reagent is perishable and needs to be freshly prepared each time it is used. Recommended procedure: put 2-3 drops of dissolved Oxidase Reagent onto a piece of filter paper. Triturate some colony material on the prepared filter paper using a platinum or plastic (not nickel-chrome) inoculating loop or a glass rod.

Microbiological quality control

Test strain	No.	Oxidase reaction
<i>Pseudomonas aeruginosa</i>	ATCC 25668	Oxidase-positive: appearance of a deep blue colour within 10 seconds
<i>Escherichia coli</i>	ATCC 25922	Oxidase-negative: no blue colouring has appeared after 10 seconds