

Product Information

39442 Barritt's Reagent B

This reagent is used in Voges-Proskauer test for detection of acetoin production by bacterial culture along with Barritt Reagent B.

Composition:

Potassium hydroxide 40g

Distilled water 100ml

Note: On storage of the reagent, precipitate may develop. This will not affect the performance criteria of the reagent.

Directions:

Grow test culture in MR-VP Medium. Add 0.6 ml (6 drops) of Reagent A and 0.2 ml (2 drops) of Reagent B for 10 ml medium. Shake tubes gently for 30 seconds to 1 minute to expose the medium to atmospheric oxygen in order to oxidize the acetoin (acethylmethylcarbinol) so as to obtain a color reaction. Allow tube to stand at least 10 to 15 minutes.

Test Organisms (ATCC)	Growth	VP Test
<i>E. aerogenes</i> (13048)	luxuriant	+
<i>E. coli</i> (25922)	luxuriant	-
<i>K. pneumoniae</i> (13883)	luxuriant	+