

Name: **Lysine Iron agar**
 Product code: MM0090
 Batch Number: 15110104
 Manufacture Date: MAR 2015
 Expiry Date: MAR 2019

Dehydrated Media:

Colour: Beige to greenish-beige
 Particle size: Fine, powder
 Solubility: 1-2min.

Prepared Medium:

Directions:* 33 g/l
 Clarity: Clear to slightly hazy and reddish-purple
 Deposit: None
 Gel strength: Correct
 pH:* 6,7±0,2
 Sterilization: By autoclaving at 121·C for 12 minutes
 Remarks: After autoclaving, slant tubes to prepare deep butts

Econometric test:

Organism	CFU	Growth	Slant/Butt/H ₂ S
Escherichia coli ATCC 25922	100-1000	growth	Purple / yellow / -
Proteus mirabilis ATCC 12453	100-1000	growth	red / acid/ -
Salmonella typhimurium ATCC 14028	100-1000	growth	Alkaline/Alkaline / +
<i>Salmonella choleraesuis</i> subsp. <i>arizonae</i> 13314	100-1000	growth	Alkaline/alkaline +
<i>Shigella flexneri</i> 12022	100-1000	growth	Alkaline/acid -

Alkaline = red purple, no change in color

Acid = yellow

Red = lysine deaminase

+ H₂S = black precipitate

- H₂S = no black precipitate

This product has been tested by Quality Control Laboratory and conforms to the specification contained in the relevant catalogue or to the specification agreed with the customer.

Date: 26 September 2016