



1.10987 Phenol Red Broth Base

Powder

For general questions please contact our
Customer Service:

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26 July 2010

Product number	Packaging	Size	Price / Availability
1.10987.0500	Poly Bottle	500 g	USD 107.06

Prices are subject to change without notice.

Product information

Chemical formula	Mixture
Suitability	For Microbiology

Specifications

Expiration date	Exp 60 months from mfg date
Test date	Per Merck CofA
Appearance (clearness)	Clear
Appearance (color)	Red
Color change: yellow <i>E. faecalis</i> ATCC 11700	+
Color change: yellow <i>K. pneumoniae</i> ATCC 13883	+
Color change: yellow <i>Proteus vulgaris</i> ATCC 13315	+
Color change: yellow <i>S. aureus</i> ATCC 25923	+
Color change: yellow <i>S. typhimurium</i> ATCC 14028	-
Color change: yellow <i>Shigella flexneri</i> ATCC 12022	+/- (orange)
Gas- <i>Enterococcus faecalis</i> ATCC 11700	-
Gas- <i>Klebsiella pneumoniae</i> ATCC 13883	+
Gas- <i>Proteus vulgaris</i> ATCC 13315	+ (poor)
Gas- <i>Salmonella typhimurium</i> ATCC 14028	-
Gas- <i>Shigella flexneri</i> ATCC 12022	-
Gas- <i>Staphylococcus aureus</i> ATCC 25923	-
Growth- <i>Enterococcus faecalis</i> ATCC 11700	Good to very good

Growth- <i>Klebsiella pneumoniae</i> ATCC 13883	Good to very good
Growth- <i>Proteus vulgaris</i> ATCC 13315	Good to very good
Growth- <i>Salmonella typhimurium</i> ATCC 14028	Good to very good
Growth- <i>Shigella flexneri</i> ATCC 12022	Good to very good
Growth- <i>Staphylococcus aureus</i> ATCC 25923	Good to very good
pH at 25°C	7.2-7.6

Supplemental information

Typical Composition (g/L)	Peptone from casein 5.0; peptone from meat 5.0; sodium chloride 5.0; phenol red 0.018.
Also to be added (g/L)	Reactant 5.0-10.0 (e.g., glucose, maltose, etc.); if required, agar-agar: 0.5-1.0.
Application	Test culture medium used together with various reactants for the biochemical identification of microorganisms by means of fermentation test.
Preparation	15.0g/L
Suitability	For Microbiology