

Haemoglobin Powder Soluble

Intended Use

Haemoglobin powder is an enrichment supplement, and 2% w/v solution of this supplement is autoclavable.

Summary

Haemoglobin, an autoclavable preparation of beef blood, provides hemin (X factor), which is required by *Haemophilus* species and enhances growth of *Neisseria* species. Haemoglobin powder is used with G.C. agar base in the preparation of chocolate agar.

Principle

Haemoglobin powder provides hemin, which is required for the growth of many fastidious microorganisms, such as *Haemophilus* species and *Neisseria* species.

Reagents / Contents

Haemoglobin powder 100 g

Storage and Stability

1. Store the Microxpress® Haemoglobin Powder Soluble at 2°C-8°C, away from light.
2. Stability of the Microxpress® Haemoglobin Powder Soluble is as per the expiry date mentioned on the label.

Directions

1. Add 250 mL distilled water to 5 g Haemoglobin Powder to make a 2% w/v solution.
2. Stir the solution continuously while adding the water and autoclave at 121°C for 15 minutes.
3. Shake well to resuspend sedimented haemoglobin.
4. Aseptically add 250 mL sterile 2% solution to 235 mL sterile, molten G C Agar Base (18 g/235 mL) along with G C supplement to make double strength base.

Interpretation of results

Refer to appropriate references and procedures for results.

Quality Control

Cultural characteristics observed after an incubation of 40-48 hours anaerobically at 35°C-37°C when added to G C Agar base.

Organisms (ATCC)	Growth
<i>Streptococcus pneumoniae</i> (6305)	Good
<i>Streptococcus pyogenes</i> Strain Bruno (19615)	Good
<i>Neisseria gonorrhoeae</i> (49226)	Good

Remarks

1. Do not use cracked or broken vials.
2. Good laboratory practices and hazard precautions must be observed at all times.

Warranty

This product is designed to perform as described on the label and package insert. The manufacturer disclaims any implied warranty of use and sale for any other purpose.

References

1. Data on file: Microxpress®, A division of Tulip Diagnostics (P) Ltd.

Product Presentation:

Cat No.	Product description	Pack Size
204080100100	Media Selective Supplement	100 g

Disclaimer

Information provided is based on our inhouse technical data on file, it is recommended that user should validate at his end for suitable use of the product.
