



Instructions for Use

CRITERION™ HEMOGLOBIN POWDER

Cat. no. C5850	CRITERION™ Hemoglobin Powder	100gm
Cat. no. C5851	CRITERION™ Hemoglobin Powder	2x250gm
Cat. no. C5852	CRITERION™ Hemoglobin Powder	2kg
Cat. no. C5853	CRITERION™ Hemoglobin Powder	10kg
Cat. no. C5854	CRITERION™ Hemoglobin Powder	50kg

INTENDED USE

Hardy Diagnostics CRITERION™ Hemoglobin Powder is used as a supplement for GC Agar Base in the preparation of Chocolate Agar. Chocolate Agar is used to cultivate fastidious organisms such as *Neisseria* spp. and *Haemophilus* spp.

This is a raw material intended to be used in the making of prepared media products, which will require further processing, additional ingredients, or supplements.

SUMMARY

Hemoglobin Powder is dried bovine blood. It is specially prepared to dissolve quickly in water and be autoclavable.

STORAGE AND SHELF LIFE

Store the sealed bottle(s) containing dehydrated culture medium at 2-30°C. Dehydrated culture medium is very hygroscopic. Keep lid tightly sealed. Protect dehydrated culture media from moisture and light. The dehydrated culture media should be discarded if it is not free-flowing or if the color has changed from its original dark brown.

The expiration dating on the product label applies to the product in its intact packaging when stored as directed. The product may be used and tested up to the expiration date on the product label and incubated for the recommended quality control incubation times.

Refer to the document "[Storage](#)" for more information.

PRECAUTIONS

This product may contain components of animal origin. Certified knowledge of the origin and/or sanitary state of the animals does not guarantee the absence of transmissible pathogenic agents. Therefore, it is recommended that these products be treated as potentially infectious, and handle observing the usual universal blood precautions. Do not ingest, inhale, or allow to come into contact with skin.

This product is for laboratory use only. It is to be used only by adequately trained and qualified laboratory personnel.

Observe approved biohazard precautions and aseptic techniques. All laboratory specimens should be considered infectious and handled according to "standard precautions." Refer to the document "[Guidelines for Isolation Precautions](#)" from the Centers for Disease Control and Prevention.

For additional information regarding specific precautions for the prevention of the transmission of all infectious agents from laboratory instruments and materials, and for recommendations for the management of exposure to infectious disease, refer to CLSI document M-29: *Protection of Laboratory Workers from Occupationally Acquired Infections: Approved Guideline*.

Sterilize all biohazard waste before disposal.

Refer to the document "[Precautions When Using Media](#)" for more information.

METHOD OF PREPARATION FOR DEHYDRATED CULTURE MEDIA

Preparation of 2% Hemoglobin to be used with GC Agar Base

1. Suspend 10gm of the dehydrated hemoglobin powder in 500ml of distilled or deionized water.
2. Autoclave solution at 121°C for 15 minutes.
3. Cool to 45-50°C and combine with 500ml of autoclaved agar base solution (GC Agar Base) that has been cooled to 45-50°C.
4. Add supplements and antibiotics.
5. Mix thoroughly before dispensing.

MATERIALS REQUIRED BUT NOT PROVIDED

Standard microbiological supplies and equipment such as autoclave, incinerators, and incubators, etc., are not provided.

PHYSICAL APPEARANCE

CRITERION™ Hemoglobin Powder should appear homogeneous, free-flowing, and dark brown in color.

REFERENCES

1. MacFaddin, J.F. 1985. *Media for Isolation, Cultivation, Identification, Maintenance of Bacteria*, Vol. I. Williams & Wilkins, Baltimore, MD.

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[Ordering Information](#)

Distribution Centers:

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