

Instructions for Use

CRITERION™ MALTOSE

Cat. no. C6220	CRITERION™ Maltose	100gm
Cat. no. C6221	CRITERION™ Maltose	500gm
Cat. no. C6222	CRITERION™ Maltose	2kg
Cat. no. C6223	CRITERION™ Maltose	10kg
Cat. no. C6224	CRITERION™ Maltose	50kg

INTENDED USE

Hardy Diagnostics CRITERION™ Maltose is a chemically pure disaccharide which can be used in bacteriological culture media. It is used in the monohydrate form.

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

CRITERION™ Maltose (4-O-a-D-Glucopyranosyl-D-glucose) or malt sugar is often used as a nutrient in culture media.

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 white.

The expiration date 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 incubation times as stated below.

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 M29: *Protection of Laboratory Workers from Occupationally Acquired Infections*.

Sterilize all biohazard waste before disposal.

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

MATERIALS REQUIRED BUT NOT PROVIDED

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

PHYSICAL APPEARANCE

CRITERION™ Maltose powder should appear homogeneous, free-flowing, and white in color.

REFERENCES

1. Isenberg, H.D. *Clinical Microbiology Procedures Handbook*, Vol. I, II & III. American Society for Microbiology, Washington, D.C.
2. MacFaddin, J.F. 1985. *Media for Isolation, Cultivation, Identification, Maintenance of Bacteria*, Vol. I. Williams & Wilkins, Baltimore, MD.
3. FDA. 1995. *Bacteriological Analytical Manual*, 8th ed. FDA.
4. Atlas, R.M. 1997. *Handbook of Microbiological Media*, 2nd ed. CRC Press, Boca Raton, FL.

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[Ordering Information](#)

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The Hardy Diagnostics manufacturing facility and quality management system is certified to ISO 13485.

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