



## MagnaAmp®

### *SOLUTION STERILIZATION BIOLOGICAL INDICATORS*

7953<sup>(1)</sup> *G. stearothermophilus*

- MagnaAmp is a self-contained unit for monitoring the steam sterilization of liquids. A small 1ml snap-top constricted neck glass ampoule contains spores of *Geobacillus stearothermophilus* suspended in a specially formulated culture medium.
- Ampoules containing *Geobacillus stearothermophilus* should be sterilized at a temperature of 121°C.

#### **Instructions for Use:**

1. Remove MagnaAmp from the refrigerator and allow to stabilize at room temperature for a minimum of one hour.
2. Place MagnaAmp either inside a large container or next to a container containing a liquid for sterilization.
3. Assure the liquid container containing the MagnaAmp biological indicator is the same size and contains the same volume of liquid as the product containers being sterilized. NOTE: Generally, a minimum of 10 units are placed in each load.
4. Following exposure, remove the MagnaAmp or the container with the MagnaAmp biological indicator and place into a 55-60°C incubator and incubate samples for 48 hours.
5. If the spores survive the sterilization cycle, the culture medium will turn to yellow (positive). If the spores have been killed, the culture medium will remain the original color (purple). NOTE: It is best to read results approximately every 12 to 24 hours. All positive (yellow) samples should be recorded and disposed of immediately. All yellow samples should be autoclaved prior to disposal.
6. Record test results.
7. Autoclave all positive samples prior to disposal.

#### **MagnaAmp Advantages:**

- MagnaAmp can be completely submerged in the liquid container.

<sup>(1)</sup> Culture is traceable to a recognized culture collection identified in USP and ISO 11138.

- No special laboratory equipment is necessary to culture MagnaAmp.
- Fast read-out time of 48 hours.
- Dramatic color change for positive cultures.
- Small 1 mL ampoule which can be placed inside or next to containers of liquid product.
- Sealed ampoules protect the manufacturing environment from spore contamination.
- Negative controls are included with each box of product.

**Certification:**

MagnaAmp biological indicators are certified for population, D-value, Z-value, F<sub>0</sub> value, and performance. MagnaAmp is manufactured in compliance to USP and ISO 11138.

**MagnaAmp Biological Indicators are available as follows:**

	Units per box	CAT. NO.
MagnaAmp <i>G. stearothermophilus</i> 10 <sup>6</sup>	50	MA/6
MagnaAmp <i>G. stearothermophilus</i> 10 <sup>5</sup>	50	MA/5

**Storage:** Refrigerate 2-8°C  
**Expiration:** 18 months from date of manufacture.

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