**INCREASED STABILITY OF LongLife™ Zymolyase®**

Enzymes regularly used in laboratory applications often require preparation of fresh solution before each use. Making fresh enzyme solution for each application is time consuming and wasteful. A wide variety of enzyme preparations in a ready-to-use format are offered, including LongLife™ Zymolyase®.

**METHOD**

LongLife™ Zymolyase® enzyme preparation was tested over a period of 4 weeks at 37°C and compared with LongLife™ Zymolyase® enzyme preparations stored at -20°C. LongLife™ Zymolyase® (1.5 units/μl) was tested with freshly grown yeast suspension by monitoring the decrease in absorbance of the suspension.

**CONCLUSION**

No measurable loss of activity was noticed.

**OTHER ENZYMES AVAILABLE**

- *LongLife™ Zymolyase®* for the digestion of yeast and fungal cell walls.
- *LongLife™* Lysozyme for the digestion of bacterial cell walls.
- *LongLife™* PE LB Lysozyme for the digestion of bacterial cell walls and fully compatible with the PE LB buffer system.
  - Reduces viscosity build-up due to presence of nuclease.
- *LongLife™* RNase for the digestion of RNA.
- *LongLife™* DNase for the digestion of DNA.

**REFERENCES**


![Graph](image_url)

*Figure 1: LongLife™ Zymolyase® is highly stable. LongLife™ Zymolyase® enzyme preparation was tested over a period of 4 weeks at 37°C and compared with LongLife™ Zymolyase® enzyme preparations stored at -20°C. LongLife™ Zymolyase® (1.5 units/μl) was tested with freshly grown yeast suspension by monitoring the decrease in absorbance of the suspension. No measurable loss of activity was noticed.*