



**PRODUCT INFORMATION**

**10X *Taq* Buffer  
with (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>**

**#B33**            4 x 1.25 mL

**Lot:** \_\_\_\_        **Expiry Date:** \_\_\_\_\_

**Store at -20°C**

[www.thermoscientific.com/onebio](http://www.thermoscientific.com/onebio)

**Description**

10X *Taq* Buffer with (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> is used in PCR with *Taq* DNA Polymerase. Does not contain MgCl<sub>2</sub>. High primer specificity is observed in this buffer within a broad range of magnesium concentrations at a variety of annealing temperatures.

**10X Buffer Composition**

750 mM Tris-HCl (pH 8.8 at 25°C),  
200 mM (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub>,  
0.1% (v/v) Tween 20.

**CERTIFICATE OF ANALYSIS**

Tested for the absence of endo-, exodeoxyribonucleases, ribonucleases and functionally tested in amplification of 956 bp DNA fragment of a single-copy gene of human genomic DNA.

**Quality authorized by:**

 Jurgita Zilinskiene

Rev.7.

**PRODUCT USE LIMITATION**

This product is developed, designed and sold exclusively *for research purposes and in vitro use only*. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

Please refer to [www.thermoscientific.com/onebio](http://www.thermoscientific.com/onebio) for Material Safety Data Sheet of the product.

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