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## Certificate of Analysis

### cAMP

Catalog # 20-198

**Formulation:** One vial containing **1ml** of **20 $\mu$ M** cAMP in 20mM MOPS, 25mM  $\beta$ -glycerol phosphate, 5mM EGTA, 1mM sodium orthovanadate, and 1mM DTT. Frozen solution.

**Use:** Used to activate PKA *in vitro*.

**Storage and Stability:** Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

**Sterility:** Sterilized through a 0.2 $\mu$  filter and packaged aseptically.

**FOR RESEARCH USE ONLY  
NOT FOR USE IN HUMANS**