

# Certificate of Analysis

**Product :** 3'-Biotin CPG

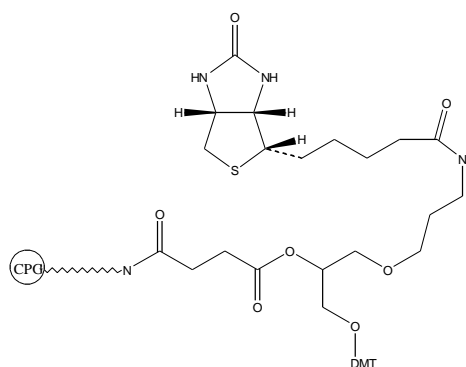
**Chemical Name:** 1-Dimethoxytrityloxy-3-O-(N-biotinyl-3-aminopropyl)-2-O-succinoyl-long chain alkylamino-CPG

**Part No. :** HPT1801

**Lot No. :** 070509

**Purity:** > 95%

**Release Date:** 20 Jul. 09



**CPG size:** 1000 A.

**Storage:** -20 °C, dessicate

**Coupling:** This support should be used in a manner identical to normal protected nucleoside support since it contains the DMT group.

**Deprotection:** Cleavage of the oligonucleotide from this support requires 2 hours at room temperature with ammonium hydroxide. Complete the deprotection using the protocol required by the nucleotides.

## Test

### Description:

Description: white to off-white powder.

Result: PASS

### Loading Capacity

Description: Trityl measurement

Result: 32  $\mu$ mol/g

### Synthesis Length:

Description: Maximum length in oligo by recommendation

Result: 55mer

*Approved by:*

*Quality Assurance Manager*