

# Certificate of Analysis

**Product :** 3'-dG CPG, 0.1 g

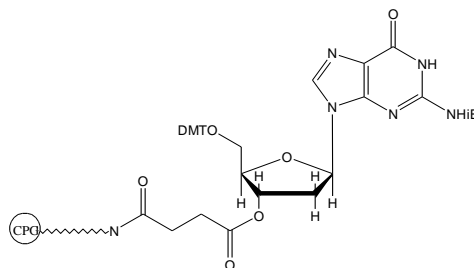
**Chemical Name:** 5'-Dimethoxytrityl-N-isobutyryl-2'-deoxyGuanosine, 3'-succinoyl-propylamino-CPG

**Part No. :** HPT2301

**Lot No. :** 061309

**Purity :** essentially 100%

**Release Date :** 21 Jun 09



**CPG size:** 1000 A.

**Storage:** Freezer storage, -10 to -30 °C, dry.

**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: 40  $\mu\text{mol/g}$

### Synthesis Length:

Description: Maximum length in oligo by recommendation

Result: 100mer

*Approved by:*

*Quality Assurance Manager*