

Certificate of Analysis

Product : 3'-dC CPG, 0.1 g

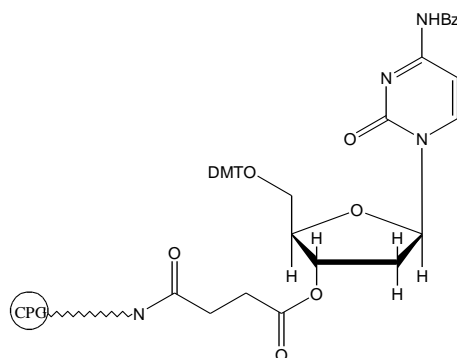
Chemical Name: 5'-Dimethoxytrityl-N-benzoyl-2'-deoxyCytosine, 3'-succinoyl- propylamino-CPG

Part No. : HPT2001

Lot No. : 061009

Purity : essentially 100%

Release Date : 19 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