

Certificate of Analysis

Product : 3'-Dabcyl CPG

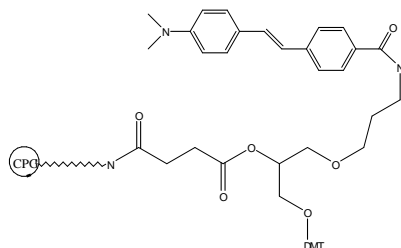
Chemical Name: 1-Dimethoxytrityloxy-3-[O-(N-4'-carboxy-4-(dimethylamino)-azobenzene)-3-aminopropyl]-propyl-2-O-succinoyl-long chain alkylamino-CPG

Part No. : HPT1501

Lot No. : 110611

Purity: 95%+

Release Date: 10 Nov. 11



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: Red-orange powder.

Result: PASS

Loading Capacity

Description: Trityl measurement

Result: 39 $\mu\text{mol/g}$

Synthesis Length:

Description: Maximum length in oligo by recommendation

Result: 55mer

Approved by:

Quality Assurance Manager

Hai Phoenix, LLC