

Certificate of Analysis

Product Name: Ferrocene LCAA CPG

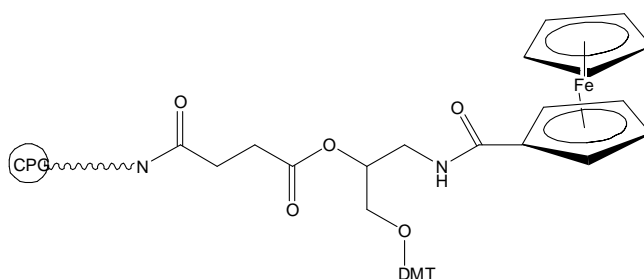
Chemical Name: 1-Dimethoxytrityloxy-3-N-carboxy-Ferrocene- propyl-2-O-succinoyl-long chain alkylamino-CPG

Part No. : HPT1001

Lot No. : 031513

Purity : 98%+

Release Date : 19 Mar. 13



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: Light yellow solid.

Result: PASS

Loading Capacity

Description: Trityl measurement

Result: 34 $\mu\text{mol/g}$

Synthesis Length:

Description: Maximum length in oligo by recommendation

Result: 55mer

Approved by:

Quality Assurance Manager