

# Certificate of Analysis

**Product :** 3'-Thiol-modifier-C6 S-S LCAA CPG

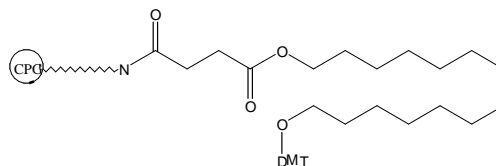
**Chemical Name:** 1-O-Dimethoxytrityl-hexyl-disulfide,1'-succinoyl-long chain alkylamino-CPG

**Part No. :** HPT1701

**Lot No. :** 111814

**Purity:** 95%+

**Release Date:** 21 Nov. 14



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

### Synthesis Length:

Description: Maximum length in oligo by recommendation

Result: 100mer

*Approved by:*

*Quality Assurance Manager*