

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|--------------------------------------------------------------------------------------------------------------|
| Catalogue Number | 00130 |
| Lot Number | 001237-181 |
| Product | 5'-O-(4,4'-Dimethoxytrityl)-N⁴-benzoyl-5-methyl-2'-deoxycytidine 5'-DMT-NBz-5-Methyl dC |
| CAS Number | 104579-03-5 |
| Molecular Formula | C ₃₈ H ₃₇ N ₃ O ₇ |
| Molecular Weight | 647.7 |

| | |
|------------------------------------|--------------------------------------------------------------------------------------|
| Appearance | Faint yellow powder |
| Solubility | Clear colorless to faint yellow solution (20 mg/mL) |
| Water Content (Karl Fisher) | 0.8% |
| Residual Solvents | 1.2% (by GC) |
| Purity by HPLC | 98.3% |
| Storage | Store at 0-8 °C |
| Remarks | See material safety data sheet for additional information For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager