

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	05001
Product	5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine
Lot Number	000216-156-45 DMT-dC
CAS Number	76512-82-8
Molecular Formula	C ₃₀ H ₃₀ N ₃ O ₆
Molecular Weight	528.72

Appearance	White solid
UV Ratios	250/260 nm: 1.424 260/280 nm: 0.872 Emax in Methanol at 275 nm: 13370
¹H NMR	Conforms to structure
Purity by HPLC	99.8%
ESI-MS	-Ve ion at 528.4 +Ve ion (MW + Na ion) at 552.4
Storage	Store at ≤ - 4 °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