

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	14093
Lot Number	20102PA
Product	5'-O-(4,4'-Dimethoxytrityl)-N⁶-benzoyl-2'-deoxyadenosine (synthetic) DMT-NBz-dA (synthetic)
CAS Number	64325-78-6
Molecular Formula	C ₃₈ H ₃₅ N ₅ O ₆
Molecular Weight	657.74

Appearance	White powder
Solubility (Turbidity)	HAZEN NO: ≤ 10 (C=0.2 in Acetone)
Water Content (Karl Fisher)	0.4%
Loss on Drying	0.1%
Residual Solvents	< 0.1% (Acetonitrile)
Related Substances	By HPLC: Single peak: < 0.3% 3' PdA: Not detected Acylated dA: Not detected non-Acylated PdA: ≤ 0.1% Total critical impurities: 0.1%
Purity by HPLC	99.8%
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