

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-09-03 14:08:36
Date of Next Testing:	2028-09-02 14:08:36
Product Name:	N6-Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxyadenosine
CAS Number:	64325-78-6
Specifications & Purity:	99%
Lot #:	A1304009
SKU #	B119470
Version	0
Analysis #:	406236
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in MeOH)	9-12 (°)	9.90°
Carbon by Elemental Analysis	68-70.8 (%)	69.00%
Purity(total nitrogen)	98-100 (%)	98.40%
Nitrogen by Elemental Analysis	10.3-10.9 (%)	10.50%
Purity(HPLC)	99-100 (%)	99.90000%
Appearance (B119470)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , clear colorless to light yellow solution,50mg/ml	pass	Pass



John Su
QA & QC Manager