

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-21 17:11:03
 Date of Next Testing: 2026-09-20 17:11:03
 Product Name: **N4-Benzoyl-5'-O-(4,4'-dimethoxytrityl)-2'-deoxycytidine**
 CAS Number: 67219-55-0
 Specifications & Purity: $\geq 99\%$
 Lot #: L1805143
 SKU #: **B119471**
 Version: **0**
 Analysis #: **138270**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	56-60 (°)	56.15800°
Purity(HPLC)	99-100 (%)	99.03800%
Purity(total nitrogen)	98-100 (%)	98.12600%
Appearance (B119471)	White to yellow powder or crystals	White to yellow powder or crystals



John Su
QA & QC Manager