

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-05 18:44:46

Date of Next Testing: 2029-09-04 18:44:46

Product Name: **N⁶,2'-O-Dibutyryl-adenosine 3',5'-cyclic monophosphate sodium salt**

CAS Number: 16980-89-5

Specifications & Purity: ≥97%(HPLC)

Lot #: I2505548

SKU #: **D124575**

Version: **6**

Analysis #: **566268**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
2'-O-monobutyryl-cyclic AMP	0-0.5 (%)	0.25000 %
Water by Karl Fischer	0-7 (%)	5.73740 %
Purity(HPLC)	97-100 (%)	99.43000 %
N ⁶ -monobutyryl-cyclic AMP	0-3 (%)	0.15000 %
Cyclic-AMP	0-0.5 (%)	0.20000 %
Appearance (D124575)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
ICP: Confirms Na&P Component	Confirmed	Confirmed



John Su
QA & QC Manager