

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-12 10:49:53
Date of Next Testing: 2029-03-11 10:49:53
Product Name: **N⁶,2'-O-Dibutyryladenosine 3',5' -cyclic monophosphate sodium salt**
CAS Number: 16980-89-5
Specifications & Purity: ≥97%(HPLC)
Lot #: C2506310
SKU #: **D124575**
Version: **6**
Analysis #: **475889**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
2'-O-monobutyryl-cyclic AMP	0-0.5 (%)	0.03 %
Water by Karl Fischer	0-7 (%)	3.27 %
Purity(HPLC)	97-100 (%)	99.94900 %
N ⁶ -monobutyryl-cyclic AMP	0-3 (%)	0.12 %
Cyclic-AMP	0-0.5 (%)	0.12 %
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