

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-12 10:54:00  
Date of Next Testing: 2029-03-11 10:54:00  
Product Name: **N<sup>6</sup>,2'-O-Dibutyryladenosine 3',5' -cyclic monophosphate sodium salt**  
CAS Number: 16980-89-5  
Specifications & Purity: ≥97%(HPLC)  
Lot #: C2506307  
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 <sup>6</sup> -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