

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2025-03-12 10:52:00
Date of Next Testing:	2029-03-11 10:52:00
Product Name:	<b>N<sup>6</sup>,2'-O-Dibutyryl-adenosine 3',5' -cyclic monophosphate sodium salt</b>
CAS Number:	16980-89-5
Specifications & Purity:	≥97%(HPLC)
Lot #:	C2506308
SKU #	<b>D124575</b>
Version	<b>6</b>
<b>Analysis #:</b>	<b>475889</b>
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