

CERTIFICATE OF ANALYSIS

Product Name: N⁶-Methyladenosine-5'-monophosphate sodium salt

Chemical Structure:



Lot Number: CI28098191MFCD
CAT Number: APL-SCPM-0081921
CAS Registry Number: 81921-35-9
Manufacture Date: 01/2022
Expiry Date: 01/2025
Molecular Formula: C₁₁H₁₄N₅O₇PN₂
Molecular Weight: 405.21
Storage: -20°C

Analysis Data

Item	Specification	Results
Appearance	White to off-white free flowing powder	Complies
UV Ratios	250/260 nm: ≤ 0.5	250/260 nm: 0.565
	260/280 nm: ≥ 1	260/280 nm: 1.546
	emax at 266 nm: 18027	
	Solvent: Water	
Purity by HPLC	≥ 98 %	98 %
³¹ P NMR	Conforms to structure	Complies
Purity (³¹ P NMR)	> 98 %	Complies
ESI-MS	Negative ion at 360 (Without sodium salt)	Complies

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque

Jennifer LaBrecque 01/2022
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO