## **Certificate of Analysis**

## NAADP

Cat. No.: HY-103317
CAS No.: 5502-96-5
Batch No.: 293048

Chemical Name: Adenosine 5'-(trihydrogen diphosphate), 2'-(dihydrogen phosphate), P'→5'-ester with 3-carboxy

-1-β-D-ribofuranosylpyridinium, inner salt

## PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_objective} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{21}\textbf{H}_{27}\textbf{N}_{6}\textbf{O}_{18}\textbf{P}_{3}$ 

Molecular Weight: 744.39

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

 Purity:
 ≥95.0%

 Water(KF):
 2.1%

 Carbon:
 31.4%

 Nitrogen:
 10.3%

 Phosphorus (P):
 10.8%

 Sodium (Na):
 3.8%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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