## **Certificate of Analysis**

## **NADP** (sodium hydrate)

Cat. No.: HY-113325A

CAS No.: 698999-85-8

Batch No.: 399165

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

arbonyl)-1-β-D-ribofuranosylpyridinium, inner salt, monosodium salt, hydrate (9CI)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>21</sub>H<sub>29</sub>N<sub>7</sub>NaO<sub>18</sub>P<sub>3</sub>

Molecular Weight: 783.40

Storage: -20°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

**Chemical Structure:** 

## **ANALYTICAL DATA**

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.16%

**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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