## **Certificate of Analysis**

## Orotidine 5'-monophosphate (trisodium)

 Cat. No.:
 HY-N8060A

 CAS No.:
 68244-58-6

 Batch No.:
 145942

Chemical Name: 4-Pyrimidinecarboxylic acid, 1,2,3,6-tetrahydro-2,6-dioxo-3-(5-O-phosphono-β-D-ribofuranosyl)

-, trisodium salt

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{10}N_2Na_3O_{11}P$ 

Molecular Weight: 434.14

Storage: 4°C, sealed storage, away from moisture

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

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

MS: Consistent with structure

Purity (HPLC): 99.86%

**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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