

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP029006-01)

Release Date: 13/02/2025

Re-test Date: 12/02/2028

## Pyridoxal 5-Phosphate Monohydrate

### Identification

**Chemical Name :**

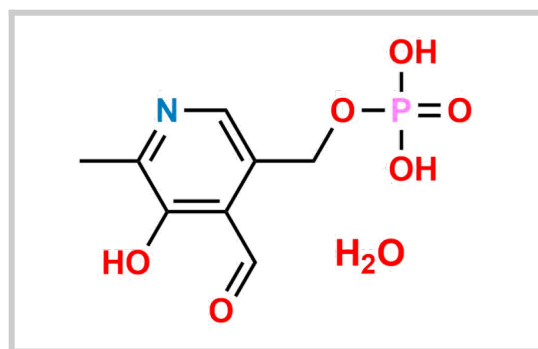
(4-Formyl-5-hydroxy-6-methylpyridin-3-yl)methyl dihydrogen phosphate hydrate

CAT No. : KMP029006

CAS No. : 41468-25-1

Molecular Formula : C<sub>8</sub>H<sub>10</sub>NO<sub>6</sub>P : H<sub>2</sub>O

Molecular Weight : 247.1 : 18.0



### Analytical Information

Batch No. : P029006-091-203

Description : Light Yellow Solid

HPLC Purity : 98.64 %

Weight Loss By TGA : 0.07 %

% Potency : 98.57 %

Solubility : 0.1 % NaOH

Mass : Confirm

IR : Confirm

<sup>1</sup>H NMR : Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.07(Weight Loss By TGA)] x [98.64(HPLC Purity)]/100 = 98.57 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/02/2025
Reviewed & Approved By	Quality Control	Jatin Patel		14/02/2025

Attachments : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA