CERTIFICATE OF ANALYSIS

(Certificate No. KMP029006-01)

Release Date: 13/02/2025 **Re-test Date:** 12/02/2028

Pyridoxal 5-Phosphate Monohydrate

Identification

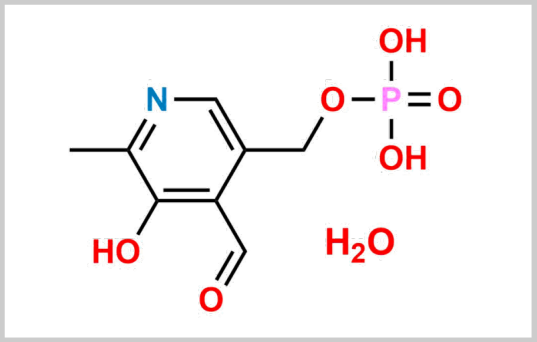
Chemical Name :
(4-Formyl-5-hydroxy-6-methylpyridin-3-yl)methyl dihydrogen phosphate hydrate

CAT No. : KMP029006

CAS No. : 41468-25-1

Molecular Formula : C8H10NO6P : H2O

Molecular Weight : 247.1 : 18.0



Analytical Information

Batch No.	: P029006-091-203	**Solubility**	: 0.1 % NaOH
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 98.64 %	**IR**	: Confirm
Weight Loss By TGA	: 0.07 %	**1H NMR**	: Confirm
% Potency	: 98.57 %		

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, 1HNMR, IR and TGA