



CERTIFICATE OF ANALYSIS

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1. Identification

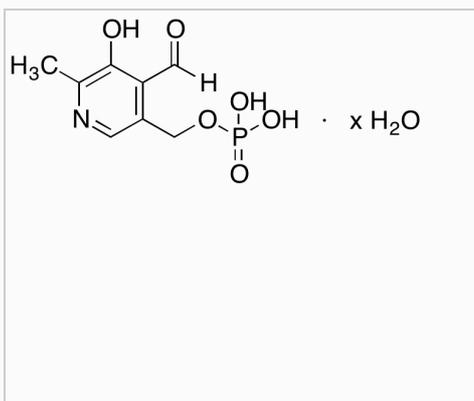
Catalogue Number: P992088

CAS Number: 853645-22-4

Product: Pyridoxal 5-Phosphate Hydrate

Synonym:

Structure:



Molecular Formula:

C₈H₁₀NO₆P • x(H₂O)

Molecular weight:

247.14 + x(18.02)

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
Water (Slightly, Heated,
Sonicated)

Lot Number: 1-GRR-30-1

Purity: 96%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Yellow Solid	Off-White to Pale Yellow Solid
HPLC Purity	Report Result	98.93% (390 nm)
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 35.54, %H: 4.58, %N: 5.13
MS	Conforms to Structure	Conforms
Water Content	Report Result	0.4% by Karl Fischer

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Reviewed By

C of A Approved By

Test Date

Retest Date

Sarbjit Kaur

Toni Rantanen

Chanell Chu

3/24/2023

3/22/2027