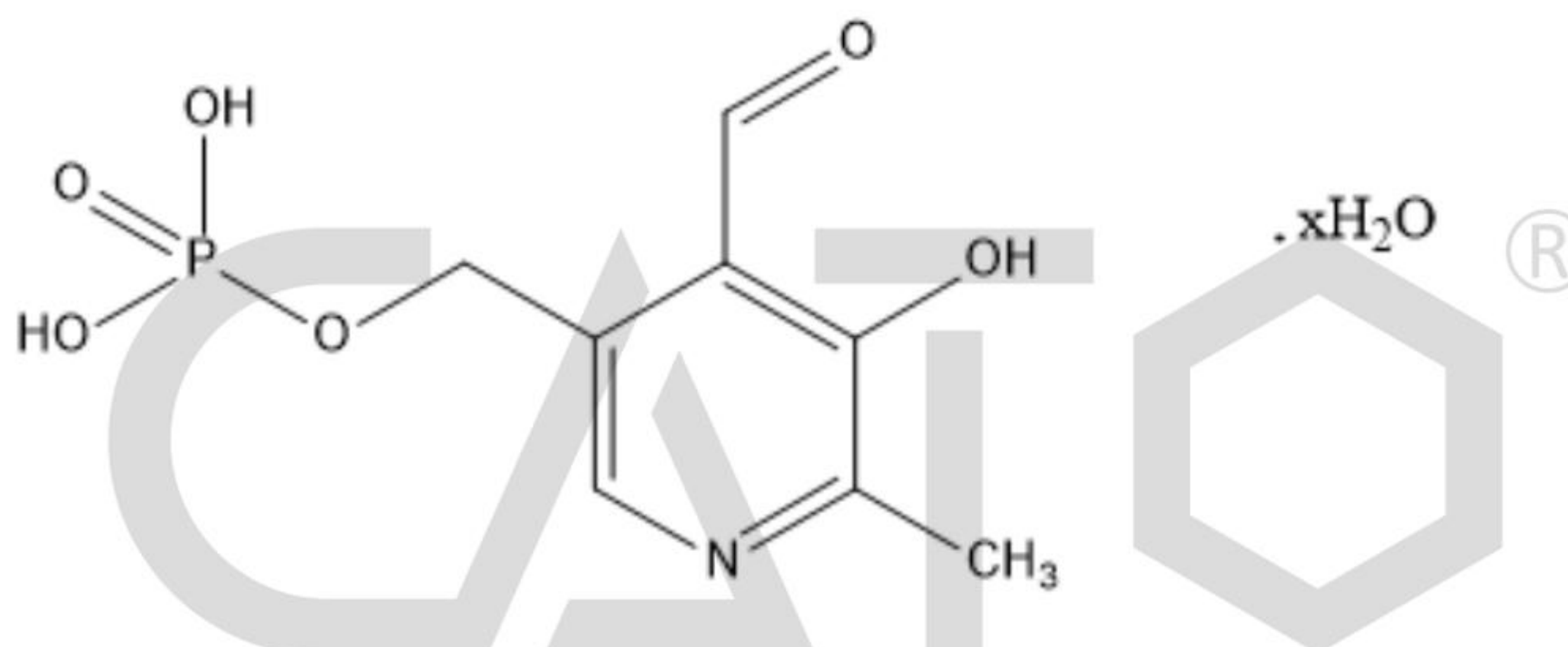


Certificate of Analysis

Reference Material & Standard

Product Name:	Pyridoxal-5-Phosphate · x hydrate	Catalogue Number:	C1891680
Synonyms:	N/A	Lot Number:	0611-RH-0050
CAS Number:	853645-22-4	Expiry Date:	Jun 14, 2030
Molecular Formula:	C ₈ H ₁₀ NO ₆ P · x(H ₂ O)	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	247.14 · x(18.02)	Shipping Condition:	Shipping with Ice Packs
Solubility:	Water	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.004%
Loss on Drying	TGA	0.1366%
Assay(dry basis)		94.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 15, 2026

Date: Jun 16, 2026

Date: Jun 16, 2026



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