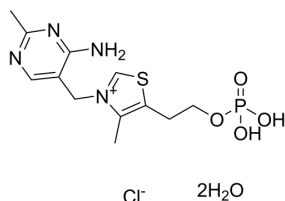


Certificate of Analysis

Product Name:	Thiamine monophosphate (chloride) (dihydrate)
Cat. No.:	CS-0102533
CAS No.:	273724-21-3
Batch No.:	114367
Chemical Name:	Thiazolium, 3-[(4-amino-2-methyl-5-pyrimidinyl)methyl]-4-methyl-5-[2-(phosphonooxy)ethyl]-, chloride, hydrate (1:1:2)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₂ H ₂₂ ClN ₄ O ₆ PS
Molecular Weight:	416.82
Storage:	2-8°C, sealed storage, away from moisture
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
MS:	Consistent with structure
Purity (HPLC):	99.24%
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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