

Certificate of Analysis

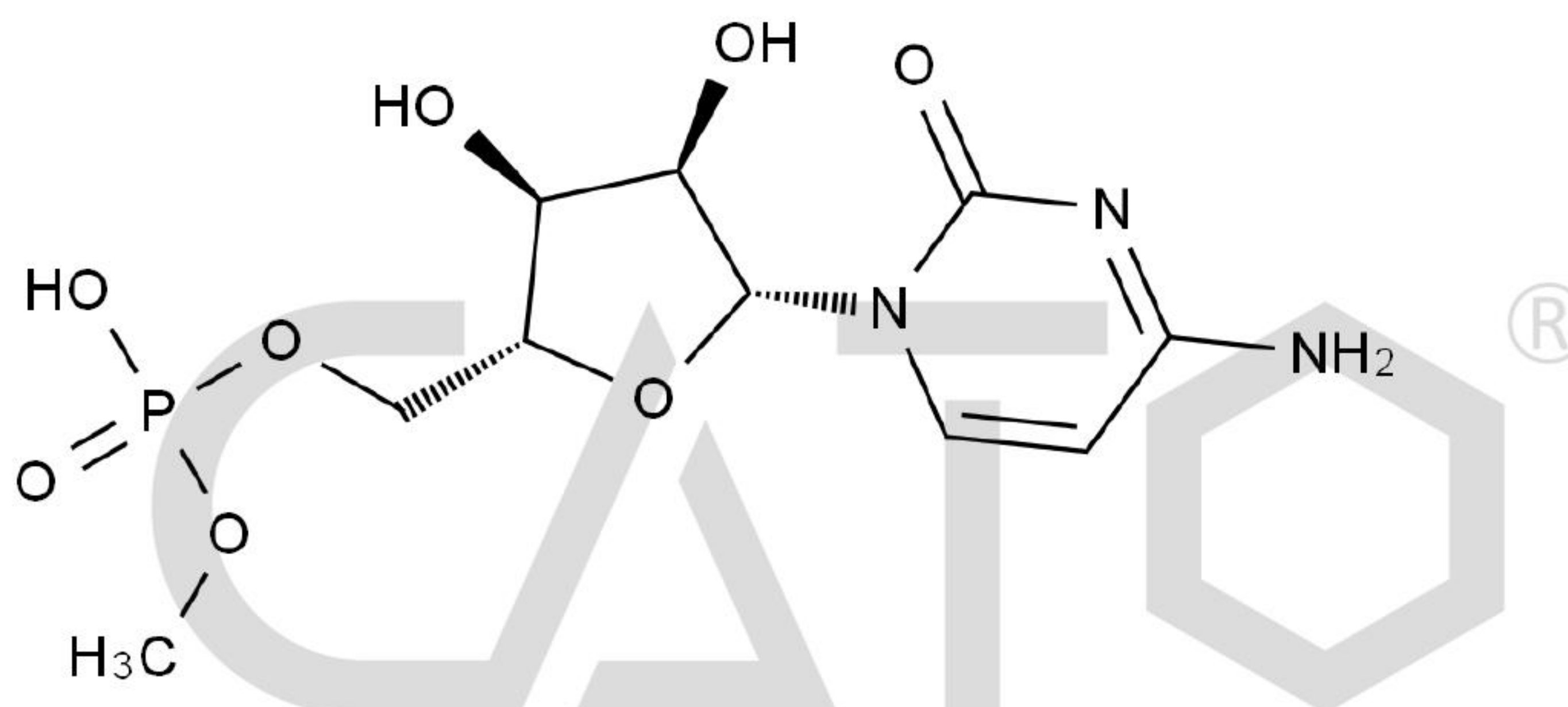
Reference Material & Standard

Product Name:	Citicoline Impurity 6	Catalogue Number:	C4X-22036
Synonyms:	Cytidine 5'-Monophosphate Methyl Ester	Lot Number:	1120-RG-0085
CAS Number:	52448-10-9	Expiry Date:	Nov 26, 2029
Molecular Formula:	C ₁₀ H ₁₆ N ₃ O ₈ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	337.22	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.182%
Loss On Drying	TGA	2.5085%
Assay		96.7%

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:

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Approved by General Manager:

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Date: Jan 29, 2026

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