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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2023

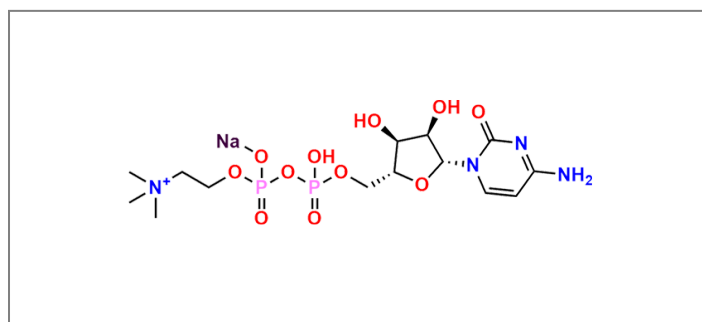
Re-test Date: Oct 2026

Product Name: Citicoline Sodium (In House Standard)

Identification:

Chemical Name: 2-(((((((2R,3S,4R,5R)-5-(4-Amino-2-oxopyrimidin-1(2H)-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methoxy)(hydroxy)phosphoryl)oxy)oxidophosphoryl)oxy)-N,N,N-trimethylethan-1-aminium,sodiumsalt

Synonyms : NA
CAS Number : 33818-15-4
CAT Number : CP-C79000
Molecular Formula : C₁₄H₂₆N₄NaO₁₁P₂
Molecular Weight : 511.32
Batch Number : CP-CTS-IN-1123
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/D2O
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.92%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.