CERTIFICATE OF ANALYSIS

(Certificate No. KMC179006-02)

Release Date: 29/10/2026 **Re-test Date:** 28/10/2029

Citicoline Sodium

Identification

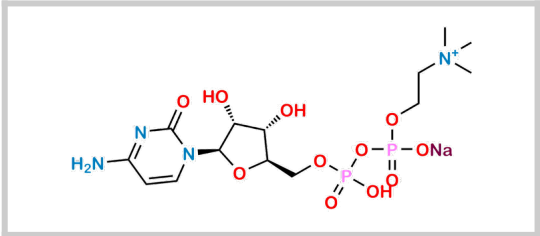
Chemical Name :
2-(((((((2R,3S,4R,5R)-5-(4-Amino-2-oxopyrimidin-1(2H)-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methoxy)(hydroxy)phosphoryl)oxy)oxidophosphoryl)oxy)-N,N,N-trimethylethan-1-aminium, sodium salt

CAT No. : KMC179006

CAS No. : 33818-15-4

Molecular Formula : C14H26N4NaO11P2

Molecular Weight : 511.3



Analytical Information

Batch No.	: C179006-136-318	**Solubility**	: ACN : Water (1:1)
Description	: White Soild	**Mass**	: Confirm
HPLC Purity	: 99.30 %	**IR**	: Confirm
Weight Loss By TGA	: 3.26 %	**1H NMR**	: Confirm
% Potency	: 96.06 %	**13C NMR**	: Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 3.26(Weight Loss By TGA)] x [99.30(HPLC Purity)]/100 = 96.06 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/10/2026
Reviewed & Approved By	Quality Control	Jatin Patel		29/10/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA