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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

**Product Name: Cytidine**

### Identification:

Chemical Name: 4-Amino-1-((2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)tetrahydrofuran-2-yl)pyrimidin-2(1H)-one

Synonyms : NA

CAS Number : 65-46-3

CAT Number : CP-H34001

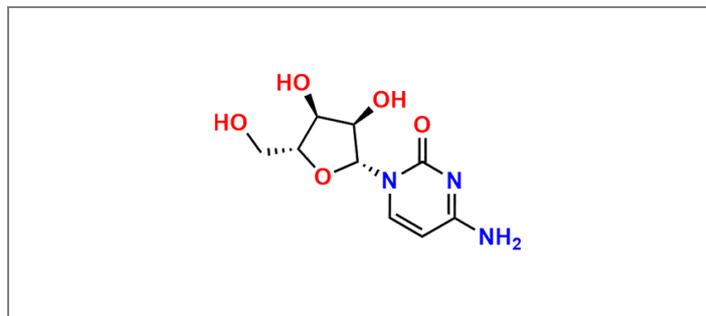
Molecular Formula : C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>5</sub>

Molecular Weight : 243.2

Batch Number : CP-CYT-1025

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	Isomer 1-76.85+ Isomer 2-21.54 =98.39%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	<sup>13</sup> CNMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

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