

## 4056 – CYTIDINE

<b>REF NO:</b> TBL/QA/SS/LC/4056	<b>STANDARD SPECIFICATION FOR CYTIDINE</b>	<b>Rev. No:</b> 03
<b>Issue No:</b> 04		<b>Review Date:</b> 12/11/2024
<b>Issue Date:</b> 13/11/2021		<b>Product code:</b> 4056

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	65-46-3
<b>Chemical Formula</b>	C <sub>9</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>
<b>Formula weight</b>	243.22
<b>Functional Uses</b>	It has also been used as a supplement in the culture medium of HeLa cells, to study the effects of cytidine addition on rods and rings (RR) induced by glutamine deprivation.
<b>Standard Packaging</b>	1 gm ,5 gm & 25 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White Crystalline Powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	210 - 220°C
Assay	NLT- 99.0%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

