

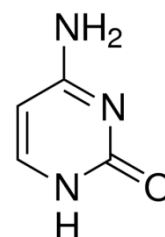


# Product Specification

cdhfinechemical.com

## CYTOSINE FOR BIOCHEMISTRY

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| PRODUCT CODE                | 025713                                                        |
| SYNONYMS                    | (4-Amino-2-hydroxy pyrimidiene)                               |
| C.I. NO.                    | --                                                            |
| CASR NO.                    | (71-30-7 )                                                    |
| ATOMIC OR MOLECULAR FORMULA | C <sub>4</sub> H <sub>5</sub> N <sub>3</sub> O                |
| ATOMIC OR MOLECULAR WEIGHT  | 111.10                                                        |
| PROPERTIES                  | Slightly soluble in water and alcohol.<br>Insoluble in ether. |



| PARAMETER                        | LIMIT                              |
|----------------------------------|------------------------------------|
| Description                      | White powder.                      |
| Solubility                       | Soluble in 0.5M hydrochloric acid. |
| Minimum Assay (HPLC)             | 98.0%                              |
| Absorptivity (A1% 1 cm @ 275 nm) | 917-936                            |

### MAXIMUM LIMIT OF IMPURITY

|                      |        |
|----------------------|--------|
| Heavy metals (as Pb) | 0.001% |
|----------------------|--------|

Note(s) : Assay (if applicable) method mentioned.

### WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: ----

Response:

Disposal:.....

IMDG Code :

UN No. :

IATA :

Hazard Pictogram(s) :--

Replace date 11-Aug-21