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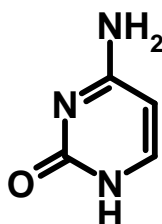
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## Product Specifications

### Cytosine

CAS 71-30-7

Structure:



Mol. Formula  
Source

$C_4H_5N_3O$   
Synthetic

Mol. Wt.

111.10

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR
<b>Appearance</b>	White to off-white microcryst. solid
<b>Solubility</b> (50 mg/mL in 0.5M HCl)	Clear, colorless to pale-yellow solution
<b>Mp</b>	> 300 °C
<b>Assay</b> (hplc)	> 98 %
<b>LOD</b>	< 1%
<b>Ash</b> (residue on ignition)	< 0.2%
<b>Heavy metals</b>	< 10 ppm

*Storage:* Maintain in cool, dry containment.