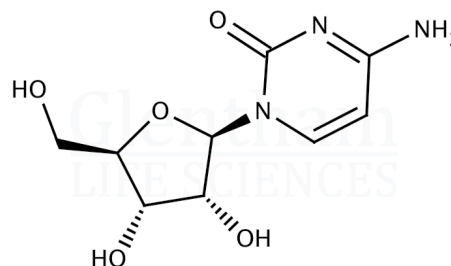


Product Specification

Product Name	Cytidine
Glentham Code	GC1136
CAS Number	65-46-3
EINECS	200-610-9
MDL Number	MFCD00006545
PubChem SID	310270773
Molecular Weight	243.22
Molecular Formula	$C_9H_{13}N_3O_5$
Storage Temp.	+4°C



Property	Specification
Physical Description	White or almost white powder or crystals
Identification (IR)	To conform to standard
Solubility (5% in water)	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+32.0 - +37.0 ° (c=1, water)
Melting Point	210 - 220 °C
Heavy Metals	≤ 10ppm
Residue on Ignition	≤ 0.1%
Loss on Drying	≤ 1.0% (105°C, 2h)
Assay	≥ 99.0%

Specification Version	-	v1.1
Date Created	-	2021-09-22

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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