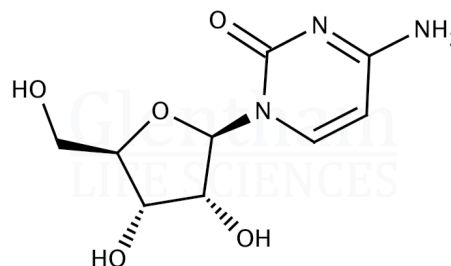


Certificate of Analysis

Product Name Cytidine
Glentham Code GC1136
CAS Number 65-46-3
EINECS 200-610-9
MDL Number MFCD00006545
PubChem SID 310270773
Batch Number 636MWA

Molecular Weight 243.22
Molecular Formula $C_9H_{13}N_3O_5$
Storage Temp. +4°C



Property	Specification	Batch 636MWA
Physical Description	White or almost white powder or crystals	Almost white powder
Identification (IR)	To conform to standard	Conforms
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	+32.0 - +37.0 ° (c=1, water)	+34.7°
Melting Point	210 - 220 °C	211.8 - 214.2 °C
Heavy Metals	≤ 10ppm	Conforms
Residue on Ignition	≤ 0.1%	0.05%
Loss on Drying	≤ 1.0% (105°C, 2h)	0.47%
Assay	≥ 99.0%	99.18%

Specification Version v1.1
Manufacture Date 2021-07-19
Re-Test Date 2029-09-27

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024