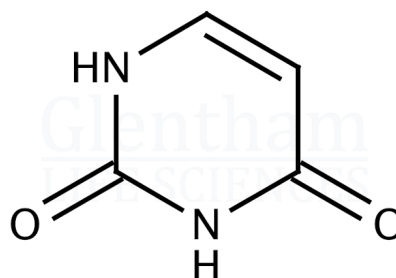


Product Specification

Product Name	Uracil, 99%, Ultrapure
Glentham Code	GE9705
CAS Number	66-22-8
EINECS	200-621-9
MDL-Nummer	MFCD00006016
Molecular Weight	112.09
Molecular Formula	$C_4H_4N_2O_2$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white powder
Wavelength of Maximum Absorption (λ_{max1})	203 - 205 nm (in water)
Wavelength of Maximum Absorption (λ_{max2})	258 - 260 nm (in water)
Solubility (5% in 1M NaOH)	Clear to very faintly turbid, colourless to very faint yellow solution
Residue on Ignition	$\leq 0.1\%$
Heavy Metals	$\leq 20\text{ppm}$
Nitrogen (N)	24.7 - 25.3 % (dried basis)
Loss on Drying	$\leq 2.0\%$ (105°C)
Assay	$\geq 99.0\%$ (dried basis)

Specification Version	- v1.0
Date Created	- 2021-04-10

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, 2025