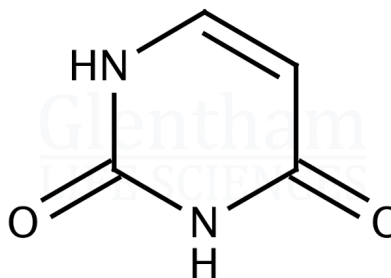


## Product Specification

Product Name	Uracil, 99%, Ultrapure
Glentham Code	GE9705
CAS Number	66-22-8
EINECS	200-621-9
MDL Number	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 ( $\lambda_{max1}$ )	203 - 205 nm (in water)
Wavelength of Maximum Absorption ( $\lambda_{max2}$ )	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](http://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