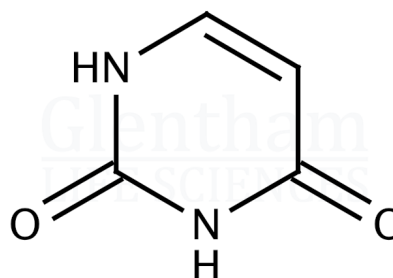


Certificate of Analysis

Product Name	Uracil, 99%, Ultrapure
Glentham Code	GE9705
CAS Number	66-22-8
EINECS	200-621-9
MDL Number	MFCD00006016
Batch Number	416GGI
Molecular Weight	112.09
Molecular Formula	$C_4H_4N_2O_2$
Storage Temp.	+20°C



Property	Specification	Batch 416GGI
Physical Description	White to of-white powder	White powder
Wavelength of Maximum Absorption (λ_{max1})	203 - 205 nm (in water)	205nm
Wavelength of Maximum Absorption (λ_{max2})	258 - 260 nm (in water)	259nm
Solubility (5% in 1M NaOH)	Clear to very faintly turbid, colourless to very faint yellow solution	Very faintly turbid, very faint yellow solution
Residue on Ignition	$\leq 0.1\%$	0.08%
Heavy Metals	$\leq 20\text{ppm}$	$\leq 10\text{ppm}$
Nitrogen (N)	24.7 - 25.3 % (dried basis)	24.9%
Loss on Drying	$\leq 2.0\%$ (105°C)	0.85%
Assay	$\geq 99.0\%$ (dried basis)	99.8%

Specification Version	v1.0
Manufacture Date	2022-01-19
Re-Test Date	2029-01-19

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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