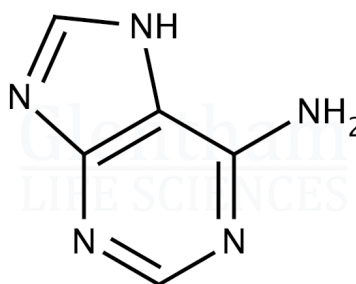


## Product Specification

Product Name	Adenine, BP, Ph. Eur., USP
Glentham Code	GE1321
CAS Number	73-24-5
EINECS	200-796-1
MDL Number	MFCD00041790
Molecular Weight	135.13
Molecular Formula	$C_5H_5N_5$
Storage Temp.	+20°C



Property	Specification
Physical Description	A white or almost white crystalline powder
Identification	According to BP, Ph. Eur., USP
Solubility (1% in 1M HCl)	Clear, colourless solution
Acidity or Alkalinity	To pass BP, Ph. Eur. test
Related Substances	To pass BP, Ph. Eur., USP tests
Chloride (Cl)	≤ 0.01%
Sulphate (SO <sub>4</sub> )	≤ 0.03%
Ammonium (NH <sub>4</sub> )	≤ 0.001%
Nitrogen (N)	50.2 - 53.4 % (dried basis)
Heavy Metals (as Pb)	≤ 10ppm
Loss on Drying	≤ 0.5%
Sulphated Ash	≤ 0.1%
Assay (Titration)	98.5 - 101.0 % (dried basis)
Residual Solvents	To pass test
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP

Specification Version	- v1.0
Date Created	- 2016-11-22

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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