

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 ₄)	≤ 0.03%
Ammonium (NH ₄)	≤ 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 or contact us using the details above for the current version of this document.

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