

Product Datasheet

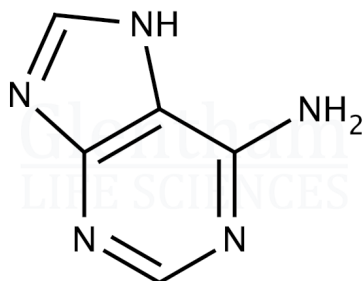
GE1321 - Adenine, BP, Ph. Eur., USP

Product Details

Product Name	Adenine, BP, Ph. Eur., USP
Glenthams Code	GE1321
CAS Number	73-24-5
EINECS	200-796-1
MDL-Nummer	MFCD00041790

Structure

Molecular Weight	: 135.13
Molecular Formula	: C ₅ H ₅ N ₅



Glenthams Product 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
Version	: v1.0

About Adenine, BP, Ph. Eur., USP

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

CLP Classification	Acute Tox. 3
Signal Word	Gefahr
Hazard Codes	H301
Precautionary Codes	P280, P301+P310
Pictograms	

UN Number, Class, PG (RID)	UN2811 - 6.1 - PG III
----------------------------	-----------------------

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025