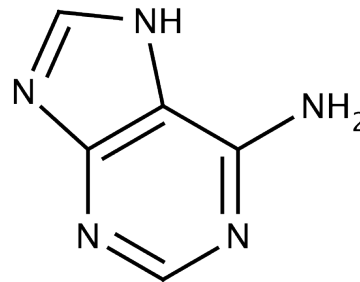


## Product Specification

Product Name : Adenine, USP grade  
Glentham Code : GE4704  
CAS Number : 73-24-5  
EINECS : 200-796-1  
MDL Number : MFCD00041790

Molecular Weight : 135.13  
Molecular Formula : C<sub>5</sub>H<sub>5</sub>N<sub>5</sub>  
Storage Temp. : +20°C



Property	Specification
Physical Description	White to off-white crystalline powder
Identification	IR
Nitrogen (N)	50.2 - 53.4 % (dried basis)
Residue on Ignition	≤ 0.1%
Heavy Metals	≤ 10ppm
Organic Impurities	To pass USP test
Loss on Drying	≤ 1.0% (110°C, 4h)
Assay	98.0 - 102.0 % (dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version : v1.0  
Date Created : 2016-09-22

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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