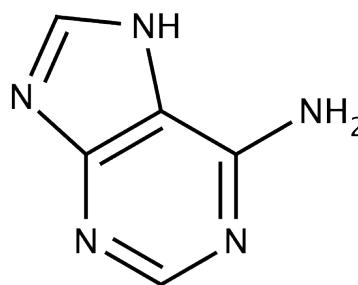


Product Specification

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 : C₅H₅N₅
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 or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2017