

Certificate of Analysis

Product Name	Adenine, USP grade
Glentham Code	GE4704
CAS Number	73-24-5
EINECS	200-796-1
MDL Number	MFCD00041790
Batch Number	622JDK
Molecular Weight	135.13
Molecular Formula	C ₅ H ₅ N ₅
Storage Temp.	+20°C



Property	Specification	Batch 622JDK
Physical Description	White to off-white crystalline powder	Off-white crystalline powder
Identification	IR	Conforms
Nitrogen (N)	50.2 - 53.4 % (dried basis)	51.9%
Residue on Ignition	≤ 0.1%	0.03%
Heavy Metals	≤ 10ppm	Conforms
Organic Impurities	To pass USP test	Conforms
Loss on Drying	≤ 1.0% (110°C, 4h)	0.3%
Assay	98.0 - 102.0 % (dried basis)	100.1%
Pharmacopoeia Specification(s)	USP	Conforms

Specification Version	v1.0
Manufacture Date	2021-12-28
Re-Test Date	2029-01-23

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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