

**CERTIFICATE OF ANALYSIS**

Product Name	ADENINE 99% FOR BIOCHEMISTRY		
CAS No.	73-24-5	Code No.	00068
Batch No.	CS06230689	Date of Analysis	10/06/2025
Mfg. Date	June-2023	Mol.Weight (g/mol)	135.13
Expiry Date	May-2028	Mol. Formula	C <sub>5</sub> H <sub>5</sub> N <sub>5</sub>

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	White powder	White powder
2	Assay	Min 99.0%	99.63%
3	Identification	Passes test	Passes
4	Appearance of solution	Passes test	Passes
5	Acidity or alkalinity	Passes test	Passes
6	Related Substances	Passes test	Passes
7	Chloride (Cl)	Max 0.01%	0.005%
8	Sulphate (SO <sub>4</sub> )	Max 0.03%	0.007%
9	Ammonium (NH <sub>4</sub> )	Max 0.001%	0.0004%
10	Heavy metal (as Pb)	Max 0.001%	0.0008%
11	Loss on drying	Max 0.5%	0.16%
12	Residue on ignition	Max 0.1%	0.07%
13	Organic volatile impurities (By GC)	Passes test	Passes
14	Residual solvents	Passes test	Passes
15	Nitrogen content (as N)	50.2-53.4%	50.56%

Remark: This product complies as per the specifications of Chemnovo.

**This is an electronically generated certificate and is valid without a signature.**

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