

Manufacturers of Laboratory Fine Chemicals

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CERTIFICATE OF ANALYSIS

| Product Name | : | ADENINE 99% FOR BIOCHEMISTRY |
|-------------------------|----|------------------------------|
| Cas No. | : | 73-24-5 |
| Code No. | : | 00068 |
| Batch No. | •• | PC06230689 |
| Mfg. Date | : | JUNE-2023 |
| Date Of Analysis | : | 10/06/2023 |
| Retest Date | : | MAY-2028 |

| TEST | SPECIFICATION | RESULT |
|-------------------------------------|---------------|--------------|
| Appearance | White powder | White powder |
| Assay | Min 99.0% | 99.63% |
| Identification | Passes test | Passes |
| Appearance of solution | Passes test | Passes |
| Acidity or alkalinity | Passes test | Passes |
| Related Substances | Passes test | Passes |
| Chloride (Cl) | Max 0.01% | 0.005% |
| Sulphate (SO ₄) | Max 0.03% | 0.007% |
| Ammonium (NH ₄) | Max 0.001% | 0.0004% |
| Heavy metal (as Pb) | Max 0.001% | 0.0008% |
| Loss on drying | Max 0.5% | 0.16% |
| Residue on ignition | Max 0.1% | 0.07% |
| Organic volatile impurities (By GC) | Passes test | Passes |
| Residual solvents | Passes test | Passes |
| Nitrogen content (as N) | 50.2-53.4% | 50.56% |

REMARK: This product complies as per the specifications of Pallav Chemicals & Solvents Pvt. Ltd.

This is an electronically generated Certificate and is valid without a signature.

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on 022 4928 4000

Website: www.pallavchemicals.com