CERTIFICATE OF ANALYSIS

(Certificate No. KMA067011-01)

Release Date: 12/04/2025 **Re-test Date:** 11/04/2028

ADENINE

Identification

Chemical Name :
7H-Purin-6-amine (as per EP)

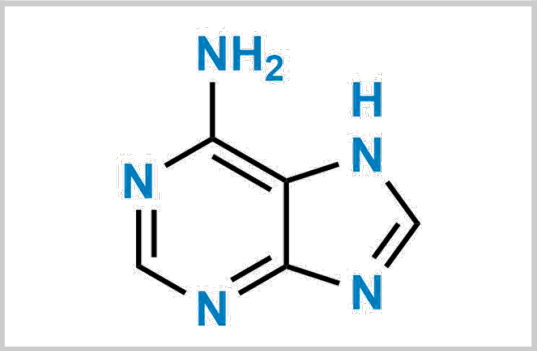
Alt. Name : Adenine (EP) ; Adeninimine

CAT No. : KMA067011

CAS No. : 73-24-5

Molecular Formula : C5H5N5

Molecular Weight : 135.1



Analytical Information

Batch No.	: MER-ADE-011-174	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.91 %	**IR**	: Confirm
Weight Loss By TGA	: 1.81 %	**1H NMR**	: Confirm
% Potency	: 98.1 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 1.81(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 98.1 %
-Re-tested on 12.04.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA