



CERTIFICATE OF ANALYSIS

PRODUCT NAME : ADENINE FOR BIOCHEMISTRY

CAS No : 73- 24 -5
Mol. Formula : C₅H₅N₅
Mol. WT : 135.13
Date of analysis : 29/07/23

Product code : 21180
Batch No : MCR-22626-01
Mfd. : July 2023
Exp. : June 2028

S. R	Test	Specification	Observation
1	Description	A white to off white powder.	A white powder.
2	Assay (Ex Nitrogen) (on dry basis)	99%w/w min.	99.48%w/w
3	Absorbance ratios of 0.001% solution in 0.1N HCl		
	A 250 nm/ A 260 nm	0.72 - 0.80	0.76
	A 280 nm/ A 260 nm	0.34 - 0.42	0.40
	A 290 nm/ A 260 nm	0.01 - 0.05	0.037
4	Loss on drying at 105°C	max.0.5%	0.09%
5	Lead (Pb)	max.0.001%	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Priti)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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