



CERTIFICATE OF ANALYSIS

Date: 02/03/17

PRODUCT NAME : ADENINE FOR BIOCHEMISTRY

CAS No : 73- 24 -5
Mol. Formula : C₅H₅N₅
Mol. WT : 135.13
Exp. : Feb. 2022

Product code : 21180
Batch No : MCR-1029-02
Mfd. : March 2017

S. R	Test	Specification	Observation
1	Assay (Ex Nitrogen) (on dry basis)	99% w/w min.	99.2% w/w
2	Absorbance ratios of 0.001% solution in 0.1N HCl		
	A 250 nm/ A 260 nm	0.72 - 0.80	0.74
	A 280 nm/ A 260 nm	0.34 - 0.42	0.34
	A 290 nm/ A 260 nm	0.01 - 0.05	0.02
3	Loss on drying at 105°C	max.0.5%	0.4%
4	Lead (Pb)	max.0.001%	<0.001%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503