



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : THIAMINE HYDROCHLORIDE FOR BIOCHEMISTRY  
(VITAMIN B<sub>1</sub>)**

**CAS No : 67-03-8                      Product code : 19400**  
**Mol. Formula : C<sub>12</sub>H<sub>17</sub>N<sub>4</sub>OSCl.HCl      Batch No : MCR-19980**  
**Mol. WT : 337.27                      Mfd. : Nov. 2019**  
**Date of Analysis : 16/11/19              Exp. : Oct. 2024**

S. R	Test	Specification	Observation
1	Description	White to off white crystalline powder or powder	White powder
2	Assay	99 % min.	99.10%
3	pH 2.5% w/v aq. soln	2.7 - 3.3	2.76
4	Loss on drying (105 <sup>0</sup> C)	5 % max	1.24%

**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., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)**  
**Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)**  
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**