



CERTIFICATE OF ANALYSIS

Date: 27/09/12

PRODUCT NAME : MORPHOLINE

CAS No : 110-91-8
Mol. Formula : C₄H₉NO
Mol. WT : 87.12

Product code : 16386
Batch No : MCR-5762
Mfd . : Sept. 2012

S. R	Test	Specification	Observation
1	Assay(G.C)	98.5 % min.	99.85 %
2	Wt. per ml at 20 ⁰ C	0.998-1.000g	0.999 g
3	Refractive index [n] ²⁰ _D	1.453-1.455	1.454
4	Water	0.5% max	0.32%

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./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503