CERTIFICATE OF ANALYSIS

Date: 24/02/13

PRODUCT NAME : PROPYLENE GLYCOL GR

CAS No : 57-55-6 **Product code : 25183**
Mol. Formula : $CH_3.CH(OH).CH_2OH$ **Batch No : MCRT-6393**
Mol. WT : 76.10 **Mfd. : Feb.2013**

S. R	Test	Specification	Observation
1	**Assay (GC)**	99 % min	99.89%
2	**Wt.per ml (at20^{0}c)**	1.035-1.037 g	1.036 g
3	**Refractive index**	1.431 – 1.433	1.4322
4	**Chloride (Cl)**	0.005% max	<0.005%
5	**Sulphate (SO_4)**	0.006% max	<0.006%
6	**Heavy metals (as Pb)**	0.0005% max	< 0.0005%
7	**Free acid (as acetic acid)**	0.006% max	<0.006%
8	**Free Alkali (as NH_3)**	0.0015%max	<0.0015%
9	**Water**	0.2% max	0.042%
10	**Sulphated ash**	0.005 % max	<0.005 %
11	**Oxidising substances**	passes test	passes test
12	**Reducing substances**	passes test	passes test

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@molylchem.net
Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503