CERTIFICATE OF ANALYSIS

Date: 08/07/13

PRODUCT NAME : PROPYLENE GLYCOL GR

CAS No : 57-55-6 **Product code : 25183**
Mol. Formula : $CH_3.CH(OH).CH_2OH$ **Batch No : MCR-5559**
Mol. WT : 76.10

S. R	Test	Specification	Observation
1	**Assay (GC)**	99 % min	99.92%
2	**Wt.per ml (at20^{0}c)**	1.035-1.037 g	1.037 g
3	**Refractive index**	1.431 – 1.433	1.432
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	0.098%
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.

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