CERTIFICATE OF ANALYSIS

PRODUCT NAME : PROPYLENE GLYCOL AR

CAS No	**: 57-55-6**	**Product code**	**: 25183**
Mol. Formula	**: $CH_3.CH(OH).CH_2OH$**	**Batch No**	**: MCRT-21290**
Mol. WT	**: 76.10**	**Mfd.**	**: May 2020**
Date of analysis	**: 16/05/20**	**Exp.**	**: April 2025**

S. R	Test	Specification	Observation
1	**Description**	Clear colourless liquid.	Clear colourless liquid.
2	**Assay**	99 % min	99.42%
3	**Wt. per ml (at 20^0c)**	1.035-1.037 g	1.036g
4	**Refractive index(n)$^{20}_D$**	1.431 – 1.433	1.432
5	**Chloride (Cl)**	0.005% max	<0.005%
6	**Sulphate (SO_4)**	0.006% max	<0.006%
7	**Heavy metals (as Pb)**	0.0005% max	< 0.0005%
8	**Free acid (as acetic acid)**	0.006% max	<0.006%
9	**Free Alkali (as NH_3)**	0.0015%max	<0.0015%
10	**Water**	0.2% max	0.08%
11	**Sulphated ash**	0.005 % max	0.003 %
12	**Oxidising substances**	passes test	passes test
13	**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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