

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : PROPYLENE GLYCOL AR**

<b>CAS No</b>	: 57-55-6	<b>Product code</b>	: 25183
<b>Mol. Formula</b>	: CH <sub>3</sub> .CH(OH).CH <sub>2</sub> OH	<b>Batch No</b>	: MCAR-00355
<b>Mol. WT</b>	: 76.10	<b>Mfd.</b>	: July 2024
<b>Date of analysis</b>	: 08/07/24	<b>Exp.</b>	: June 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear colourless viscous liquid .	A clear colourless viscous liquid .
2	<b>Assay</b>	99 % min	99.83%
3	<b>Wt. per ml (at 20<sup>o</sup>c)</b>	1.035-1.037 g	1.036g
4	<b>Refractive index(n)<sup>20</sup><sub>D</sub></b>	1.431 – 1.433	1.432
5	<b>Chloride (Cl)</b>	0.005% max	<0.005%
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.006% max	<0.006%
7	<b>Heavy metals (as Pb)</b>	0.0005% max	< 0.0005%
8	<b>Free acid (as acetic acid)</b>	0.006% max	<0.006%
9	<b>Free Alkali (as NH<sub>3</sub>)</b>	0.0015%max	<0.0015%
10	<b>Water</b>	0.2% max	0.03%
11	<b>Sulphated ash</b>	0.005 % max	0.003%
12	<b>Oxidising substances</b>	passes test	passes test
13	<b>Reducing substances</b>	passes test	passes test

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Durvas)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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