



CERTIFICATE OF ANALYSIS

Date: 20/10/12

PRODUCT NAME : ETHYLENE GLYCOL 99%
(1,2-ETHANEDIOL) (M.E.G)

CAS No : 107-21-1
Mol. Formula : $C_2H_6O_2$
Mol. WT : 62.07

Product code : 23165
Batch No : MCRT-5893
Mfd. : Oct. 2012

S. R	Test	Specification	Observation
1	Assay(By GC)	99% min.	99.94%
2	Wt. per ml at 20 ⁰ c	1.112 – 1.114 g	1.114 g
3	Refractive index $[n]_D^{20}$	1.431-1.432	1.431
4	Insoluble matter	Passes test	Passes test
5	Acidity (CH ₃ COOH)	0.0005% max	<0.0005%
6	Sulphated ash	0.003 % max	0.0016 %
7	Chloride (Cl)	0.00002% max	<0.00002%
8	Sulphate (SO ₄)	0.002% max	<0.002%
9	Copper (Cu)	0.0001% max	<0.0001%
10	Iron (Fe)	0.0001% max	<0.0001%
11	Lead (Pb)	0.0001% max	<0.0001%
12	Water	0.1% max	0.064%

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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