



CERTIFICATE OF ANALYSIS

Date: 28/09/15

PRODUCT NAME : MOLYSOL 'E' FOR HPLC

Product code : 41080

Mol. Formula : C_2H_5OH

Batch No : MCR-10271

Mol. WT : 46.07

Mfd. : Sept. 2015

Exp. : Aug. 2020

S.R	Test	Specification	Observation
1	Assay (by GC)	99.8 % min	99.95%
2	Density	0.79g	0.79g
3	Water(by KF)	0.3% max	0.1 %
4	Non Volatile Matter	0.0002% max	0.0001%
5	Refractive index	about 1.3611	1.3611
6	Free acid (as CH_3COOH)	0.0006% max	<0.0006%
7	Free alkali (as NH_3)	0.0003% max	<0.0003%
8	Aluminium (Al)	0.00001% max	<0.00001%
9	Barium (Ba)	0.000001% max	<0.000001%
10	Boron(B)	0.000002% max	<0.000002%
11	Cadmium (Cd)	0.000001% max	<0.000001%
12	Calcium(Ca)	0.0003% max	<0.0003%
13	Zinc(Zn)	0.000001% max	<0.000001%
14	Copper(Cu)	0.000002% max	<0.000002%
15	Chromium(Cr)	0.000002% max	<0.000002%
16	Tin (Sn)	0.00001% max	<0.00001%
17	Iron(Fe)	0.00001% max	<0.00001%
18	Magnesium(Mg)	0.00001% max	<0.00001%
19	Manganese (Mn)	0.000001% max	<0.000001%
20	Nickel (Ni)	0.000002% max	<0.000002%
21	Lead (Pb)	0.00001% max	<0.00001%
22	Acetone (GC)	0.001% max	<0.001%
23	Iso amyl alcohol(GC)	0.05% max	<0.05%

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



S.R	Test	Specification	Observation
24	Methanol (GC)	0.05% max	<0.05%
25	2-propanol (GC)	0.003% max	<0.003%
26	Aldehydes (as CH ₃ CHO)	0.001% max	<0.001%
27	Carbonyl compounds (GC)	0.003% max	<0.003%
28	Substances darkened by H ₂ SO ₄	Passes test	Passes test
29	Minimum Transmission In a 1.0cm Cell against water at wavelength) 210nm 220nm 230nm 245nm 270nm	35% min 55% min 72% min 90% min 98% min	35.10 % 57.88% 76.11% 92.91% 98.03%

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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