



CERTIFICATE OF ANALYSIS

Date : 18/09/14

PRODUCT NAME : GLYCEROL GR

CAS No : 56-81-5

Product code : 23420

Mol. Formula : $C_3H_8O_3$

Batch No : MCRT-8677

Mol. WT : 92.09

Mfd. : Sept. 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99 % min	99.61%
2	Wt. per ml (at 20 ⁰ c)	1.257-1.261 g	1.258g
3	Refractive index	1.471-1.473	1.472
4	Reaction pH	6.0-7.0	6.05
5	Sulphated ash	0.005%max	0.003%
6	Chloride (Cl)	0.0001% max	<0.0001%
7	Sulphate (SO ₄)	0.0005% max	<0.0005%
8	Ammonium (NH ₄)	0.0005% max	<0.0005%
9	Arsenic (As)	0.00004% max	<0.00004%
10	Copper (Cu)	0.00005% max	<0.00005%
11	Iron (Fe)	0.00005% max	<0.00005%
12	Lead (Pb)	0.00005% max	<0.00005%
13	Ester of volatile acids (glycerol tributyrat)	passes test	passes test
14	Fatty acids	passes test	passes test
15	Organic Impurities	passes test	passes test
16	Reducing substances	No reaction	No reaction
17	Sugar (glucose)	0.004% max	<0.004%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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