



CERTIFICATE OF ANALYSIS

Date: 13/03/14

PRODUCT NAME : 1,4-DIOXAN GR

CAS No : 123-91-1
Mol. Formula : C₄H₈O₂
Mol. WT : 88.11

Product code : 23070
Batch No : MCR-7910
Mfd. : March 2014

S. R	Test	Specification	Observation
1	Assay (GC)	99.0% min	99.89%
2	Wt. per ml at 20 ⁰ C	1.032-1.034g	1.033g
3	Freezing point	Not below 11.5 ⁰ C	11.6 ⁰ C
4	Refractive index n ²⁰ _D	1.421-1.423	1.422
5	Water	0.05% max	0.02%
6	Acidity (CH ₃ COOH)	0.02% max	< 0.02%
7	Non-volatile matter	0.01% max	0.008%
8	Acetal [CH ₃ CH(OC ₂ H ₅) ₂]	0.8% max	< 0.8%
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	Peroxide (as H ₂ O ₂)	0.005% max	< 0.005%

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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