



CERTIFICATE OF ANALYSIS

Date: 07/10/13

PRODUCT NAME : 1,4-DIOXAN GR

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

Product code : 23070
Batch No : MCR-7228
Mfd. : Oct. 2013

S. R	Test	Specification	Observation
1	Assay (GC)	99.0% min	99.87%
2	Wt. per ml at 20 ⁰ C	1.032-1.034g	1.032g
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	0.03%
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.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
Works: Plot No./9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503