

CERTIFICATE OF ANALYSIS

PRODUCT NAME : 1,4-DIOXAN AR

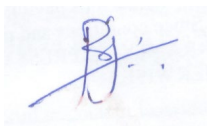
CAS No : 123-91-1
Mol. Formula : C₄H₈O₂
Mol. WT : 88.11
Date of Analysis : 21/05/25

Product code : 23070
Batch No : MCAR-01631
Mfd. : May 2025
Exp. : April 2030

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid with a characteristic odour.	A clear colourless liquid with a characteristic odour.
2	Assay (GC)	99.0% min	99.97%
3	Wt. per ml at 20 ⁰ C	1.032-1.034g	1.033g
4	Freezing point	Not below 11.5 ⁰ C	11.9 ⁰ C
5	Refractive index n ²⁰ _D	1.421-1.423	1.422
6	Water	0.05% max	0.048%
7	Acidity (CH ₃ COOH)	0.02% max	< 0.02%
8	Non-volatile matter	0.01% max	0.006%
9	Acetal [CH ₃ CH(OC ₂ H ₅) ₂]	0.8% max	< 0.8%
10	Copper (Cu)	0.0001% max	< 0.0001%
11	Iron (Fe)	0.0001% max	< 0.0001%
12	Lead (Pb)	0.0001% max	< 0.0001%
13	Peroxide (as H ₂ O ₂)	0.005% max	< 0.005%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Pratiksha. S)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.