CERTIFICATE OF ANALYSIS

PRODUCT NAME : n- BUTANOL AR
(Butane-1-ol, n-butyl alcohol)

CAS No	**: 71-36-3**	**Product code**	**: 22391**
Mol. Formula	**: $C_4H_{10}O$**	**Batch No.**	**: MCAR-00324**
Mol. WT	**: 74.12**	**Mfd.**	**: June 2024**
Date of Analysis	**: 28/06/24**	**Exp.**	**: May 2029**

S.R	Test	Specification	Observation
1	**Description**	A clear, colourless liquid,with characteristic odor, APHA not greater than 10 HU.	A clear, colourless liquid,with characteristic odor, APHA less than 10 HU.
2	**Assay (GC)**	99.5 % min	99.92%
3	**Wt.per ml (at 20^0c)**	0.808-0.810g	0.810g
4	**Refractive index**	1.3990-1.4000	1.3997
5	**Water -insoluble matter**	Passes test	Passes test
6	**Acidity(CH_3COOH)**	0.003% max	< 0.003%
7	**Non volatile matter**	0.003% max	0.001%
8	**Aldehyde & Ketones (C_3H_7CHO)**	0.015% max	<0.015%
9	**Copper (Cu)**	0.0001% max	< 0.0001%
10	**Iron (Fe)**	0.0002% max	< 0.0002%
11	**Lead (Pb)**	0.0001% max	< 0.0001%
12	**Water**	0.1% max	0.04%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]
CHEMIST
(Deepa)

[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.