



CERTIFICATE OF ANALYSIS

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

CAS No : 71-36-3
Mol. Formula : C₄H₁₀O
Mol. WT : 74.12
Date of Analysis : 14/06/23

Product code : 22391
Batch No. : MCRT-28523
Mfd. : June 2023
Exp. : May 2028

| 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 | 99.78% |
| 3 | Wt.per ml (at 20⁰c) | 0.808-0.810g | 0.810g |
| 4 | Refractive index | 1.3990-1.4000 | 1.3998 |
| 5 | Water -insoluble matter | Passes test | Passes test |
| 6 | Acidity(CH₃COOH) | 0.003% max | < 0.003% |
| 7 | Non volatile matter | 0.003% max | 0.0005% |
| 8 | Aldehyde & Ketones (C₃H₇CHO) | 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 | 0.09% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Priti)

HEAD-QUALITY ASSURANCE
(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. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503