

CERTIFICATE OF ANALYSIS

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

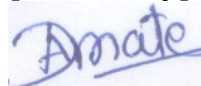
CAS No : 71-36-3
Mol. Formula : C₄H₁₀O
Mol. WT : 74.12
Date of Analysis : 27/11/24

Product code : 22391
Batch No. : MCAR-00858
Mfd. : Nov. 2024
Exp. : Oct. 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^oc)	0.808-0.810g	0.809g
4	Refractive index	1.3990-1.4000	1.3997
5	Water -insoluble matter	Passes test	Passes test
6	Acidity(CH₃COOH)	0.003% max	< 0.003%
7	Non volatile matter	0.003% max	0.0006%
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	0.03%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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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.