



GMP & ISO 9001 Quality System Certified Organization
MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS

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CERTIFICATE OF ANALYSIS

Name of Item: n-BUTYL ALCOHOL AR (n-butanol) **Formula:** C₄H₁₀O
 (1-butanol) (butan-1-ol)

M.W.: 74.12

Batch No.:

CAS NO.: 71-36-3

Cat. No.: UP0866

Date of Mfg.:

Date of Analysis:

| Type of Test | Standard | Observed |
|------------------------|--------------------------|--------------------------|
| Description | A clear colorless liquid | A clear colorless liquid |
| Assay | (Min.) 99.5% | 99.89% |
| Water | <0.1% | <0.1% |
| Wt/ml at 20°C | 0.808-0.810g | 0.808 g |
| Refractive index | 1.399-1.400 | 1.399 |
| Acidity | <0.003% | <0.003% |
| Non volatile matter | <0.003% | 0.002% |
| Water insoluble matter | Passes test | Passes test |
| Aldehydes & ketones | <0.015% | 0.01% |
| Iron (Fe) | <0.0002% | <0.0002% |
| Lead (Pb) | <0.0001% | <0.0001% |
| Copper Cu) | <0.0001% | <0.0001% |
| | | |

Results : The above product complies with AR grade