



CERTIFICATE OF ANALYSIS

PRODUCT NAME : n-BUTANOL FOR HPLC & SPECTROSCOPY
(Butane-1-ol, n-butyl alcohol)

CAS No : 71-36-3
Mol. Formula : $C_4H_{10}O$
Mol. WT : 74.12
Date of analysis : 31/01/21

Product code : 41030
Batch No : MCR-22779
Mfd. : Jan. 2021
Exp. : Dec. 2025

S. R	Test	Specification	Observation
1.	Description	A clear colourless liquid with characteristic odour.	A clear colourless liquid with characteristic odour.
2.	Assay (GC)	99.7% min	99.85 %
3.	Water (by KF)	0.1% max.	0.06 %
4.	Free acid (as C_3H_7COOH)	0.002% max.	<0.002%
5.	Non-volatile matter	0.001% max.	0.0005 %
6.	Transmission in a 1.0 cm cell against water at		
	215 nm	min 10%	22.90 %
	230 nm	min 65%	68.10 %
	235 nm	min 80%	80.32%
	240 nm	min 85%	85.24%
	250 nm	min 92%	92.10%
	280 nm	min 98%	98.55%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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