Qualikems Lifesciences Pvt. Ltd.

Ho & Works : Plot No. 68-69,G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)
Telefax : 91-265-2841531,2841532,2841534,2841535
Email: salesindia@qualikems.com ,www.qualikems.com

CERTIFICATE OF ANALYSIS

Name of Product	**:**	n-Butanol	**CAS No.**	**:**	71-36-3
Molecular Formula	**:**	$C_4H_{10}O$	**Molecular Weight**	**:**	74.12 gm/mol
Batch No.	**:**	QF2610286	**Grade**	**:**	LR
Mfg. Date	**:**	October-2026	**Retest. Date**	**:**	September-2031

Sr. No.	Tests	Specification	Observation
1	Appearance	Clear Colorless liquid	Complies
2	Minimum assay (GC)	99.0 %	99.86 %
3	Identity IR spectrum	passes test	Complies
4	d20°/4°	0.809-0.810	0.810
	Maximum Limits of Impurities :		
5	Free acid (as C_3H_7COOH)	0.002%	0.001 %
6	Water	0.5%	0.4%

Conclusion: Product complies as per above specification.
Note: This document has been produced electronically and it is valid without signature.
Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance.

Sales Office : 5531,Basti Harphool singh Sadar Thana Road, Delhi-110006, INDIA
Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476