

TECHNICAL SPECIFICATION

n- BUTANOL

Chemical Nature :- n-butanol, n-butyl alcohol, 1-butanol

Molecular Formula: - C₄ H₁₀ O

Molar mass: 74.12 g/mol

CAS- Number: 71-36-3

EC- Number: 200-751-6

Property	Value	Unit	Test Method DIN/ASTM
Mass Fraction of			
- n- butanol	99.8 min	%	55685/GC
- isobutanol	0.1 max	%	55685/GC
-Butyle ether	0.02 max	%	55685/GC
-butyraldehyde	0.05 max	%	55685/GC
Water	0.05 max.	%	51777, part 1/D 1364
Platinum-cobalt colour	5 max	-	ISO 6271/D 1209
Acidity [1] (as acetic acid)	0.003 max	%	EN ISO 2114/D 1613
[1] Acid number	max. 0.03	mg KOH/g	-

Properties

Isobutanol is a clear, mobile, neutral liquid with a characteristic odour. It is Miscible with all common solvents, e. g. alcohols, ketones, aldehydes, ethers, glycols and aromatic and aliphatic hydrocarbons. Its miscibility with water, however, is limited.

The product conforms to the specifications laid down in DIN 53245.