

Technical data sheet



Product name: **1-Butanol**

Grade: **Laboratory**

Chemical formula: $C_4H_{10}O$

Molar mass: 74.12 g/mol

Synonyms: 1-Hydroxybutane; Butyl alcohol; Butyric alcohol; n-Butanol; n-Butyl Alcohol; Proryl carbino

General information	
Cas- No.	71-36-3
Ec-No.	200-751-6
Appearance	colorless liquid
Boiling point	116-118°C
Melting point	-89.5°C
Flash point	30°C
Spec.density	0.81 g/cm ³ (20°C)
Vapour pressure	6.7 hpa(20°C)
Solub. In H ₂ O	79 g/l (20°C)
Storage temp	+2°C to +30°C
R:	10-22-37/38-41-67
S:	7/9-13-26-37/39-46

Specification	
Assay (GC)	≥99.5%
Identity(IR)	conforms
Appearance	conforms
Density (d 20°C/20°C)	0.809-0.812
Titrate acid	≤0.0008% meq/g
Aldehydes	conforms
Evaporation residue	≤0.001%
Non volatile residue	≤0.004%
Water	≤0.1%

Symbol:



packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	*	*	-	-	-
P.E	-	-	-	-	-



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