


n-Propanol (Pure)

CHEMICAL NAME	Propyl alcohol	
CAS NUMBER	71-23-8	
INDEX NUMBER	603-003-00-0	
EEC NUMBER	200-746-9	
MOLECULAR FORMULA	C ₃ H ₈ O	
RELATIVE MOLECULAR WEIGHT	60.10	
PRODUCT CODE	2044	
DESCRIPTION	Normal propyl alcohol of 99.90% mass purity	

Properties	Units	Limits	Test Methods	
			ASTM	ISO
Appearance		Clear and free from suspended matter	D4176	
Colour	Pt-Co	5 max	D1209	6271
Water	mass %	0.1 max	D1364	760
Acidity as CH ₃ COOH	mass %	0.001 max	D1613	2887
n-Propanol (dry basis)	mass %	99.90 min		
iso-Propanol (dry basis)	mass %	0.005 max		
Propionaldehyde	mass %	0.01 max		
sec-Butanol	mass %	0.05 max		
Total hydrocarbon	mg/kg	50 max		
Iron	mg/kg	1 max		
Heavy metals as Pb	mg/kg	2 max		
Residue on evaporation	mg/100 ml	1 max	D1353	759
Absorbance (230nm)		0.300 max	D2008	

Further Properties	Typical values			
Density at 20°C	g/ml	0.803-0.805	D4052	12185
Distillation at 101.3 kPa:			D1078	918
Initial boiling point	°C	97.3		
Dry point	°C	97.6		
Flash point (closed cup)	°C	26	D56	13736

Uses**As a solvent in the following applications:**

Antiseptics, pharmaceutical preparations, drug synthesis, cosmetic preparations and flexographic ink.

A raw material for the manufacture of:

Normal propyl amines, normal propyl paraben, normal propyl phthalate and normal propyl acetate.

The Sales Specification values are continuously checked, documented and stored within the scope of quality assurance.

Further properties are of an informational nature only and are not checked regularly. If the Sales Specifications are complied with, it can generally be assumed that all further properties and typical data conform to the values given.

Claims

n-Propanol complies with current European Pharmacopoeia requirements.