



Sasol Solvents
Sales specification

***n*-Propanol (NPA)**



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

Specifications

Properties	Units	Limits	Test Methods		
			ASTM	ISO	Other
Appearance		Clear and free from suspended matter	D4176		Visual
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	
<i>n</i> -Propanol (dry basis)	mass %	99.90 min			GC
iso-Propanol (dry basis)	mass %	0.005 max			GC
Propionaldehyde	mass %	0.01 max			GC
sec-Butanol	mass %	0.05 max			GC
Total hydrocarbon	mg/kg	50 max			GC
Iron	mg/kg	1 max			SSF E126*
Heavy metals as Pb	mg/kg	2 max			SSF E126*
Residue on evaporation	mg/100 ml	1 max	D1353	759	
Absorbance (230 nm)		0.300 max	D2008		SSF D173*



Further properties

<i>Typical values</i>					
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	

(Revision 7: January 2007)

***In-house available on request**

Uses

As a solvent in the following applications:

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

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.

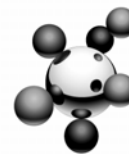
Claims

n-Propanol complies with current European Pharmacopoeia requirements.

Disclaimers

Because of the nature of our manufacturing processes, our products do not contain any plant and animal products.

It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful and technically suitable in their intended applications. Because of possible changes in law and regulations, as well as possible changes in our products, we cannot guarantee that the status of this product will remain unchanged. We, therefore, recommend that customers continuing to use our products verify their status periodically.



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