



**PETROCHEM**  
Distributing Chemicals Globally

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## n-Butyl Acetate

Test Description	Specification Limits		Unit of Measure	Test Method
	Min	Max		
n-Butyl Acetate	99		%(w/w)	Gas Chromatography
Water		0.03	%(w/w)	DIN 51777/ ASTM D1744
Acid Number		0.05	mg KOH/g	DIN EN ISO 2114/ ASTM D 664
Residue on evaporation		5	mg/100 ml	
Appearance	Liquid clear			
Colour (APHA)		10	Mg Pt/l	DIN ISO 6271/ ASTM D 1209
Physical & Chemical Properties				
Molar Mass	116.16		g/mol	
Relative density 20/20°C	0.879	0.882		
Refractive Index @ 20°C	1.394	1.396		
Boiling range at 1013 hPa	ca.124	128	°C	
Solidification point	ca. -77.9		°C	
Viscosity at 20 °C	0.74		mPas	
Dipole Moment	1.84		D	
Solubility Parameter at 25 °C	17.4		(J/cm <sup>3</sup> ) <sup>1/2</sup>	
Heat of evaporation at 20 °C	36.5		kJ/mol	
Vapour Pressure at 20 °C	11.1		hPa	

Comments: Physical properties are not monitored constantly.

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**Spec Version:1**