



**PETROCHEM**  
Distributing Chemicals Globally

## 2-Ethylhexanol

Test Description	Specification Limits		Unit of Measure	Test Method
	Min	Max		
2 Ethyl Hexanol	99.5		%(w/w)	Gas Chromatography
Water		0.05	%(w/w)	DIN 51 777/ ASTM D 1364 (mod.Karl Fischer Method)
Acid number		0.10	Mg KOH/g	DIN EN ISO 3682/ ASTM
calculated as acetic acid		0.01	%(w/w)	D1613
Carbonyl number		0.15	Mg KOH/g	Oximation/ RCH-AL 83
calculated as 2-Ethyl hexanal		0.035	%(w/w)	
Platinum-Cobalt-Color		5		DIN EN 1557/ DIN ISO 6271/ ASTM D 1209
Sulphuric acid test		20	Pt/Co scale	British Standard 4583; 1991, paragraph 10
Physical Properties				
Boiling range at 1013 hPa, min 95% (v/v)	184	185	°C	DIN 53171/ ASTM D1078
Density at 20 °C	0.832	0.833	g/cm <sup>3</sup>	DIN 51757, meth. D/ ASTM D 4052
Calculated as specific gravity (20/20)	0.8335	0.834 5		
Refractive Index n <sub>D</sub> at 20°C	1.431	1.432		DIN 51 423-2/ ASTM D 1747

Comments: Physical properties are not monitored constantly.

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**Spec Version:1**