

Ammonia, conditioned with water
(NH₃)

CAS No. 7664-41-7

Specification:	Test	Specification	Test method *	Procedure
	Ammonia	99,7 – 99,8 % by wt.	3002-0502802-13D	Calculation
	Water	0.2 – 0,3 % by wt.	3002-0306602-15D	Karl-Fischer-Titration
	Oil	max. 5 mg/kg	3002-0100703-12D	
	* Refers to the analysis methods used when compiling this product information sheet			
	The analysis is conducted before water addition of 0,2 % by wt.			
Physical Data:				
	Molecular weight	17.03		
	Boiling point at 1013 mbar	-33,3°C		
	Melting point	-77,7°C		
	Density (liquid) at 20°C and 8.5 bar	0,61g/ml		
	Density of the Gas at 0°C, 1013 mbar	0,77g/l		
	Density ratio relative to air	0,597		
	Vapour pressure at 20°C	8,57 bar		
	Critical temperature	132,4°C		
	Critical pressure	113,0 bar		

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