

**Product data sheet:**

**Ammonium Nitrate 92% solution**

Version: 7 (07/2005)

Ammonium Nitrate 92% solution (in water)			
<b>1</b>	<b>Liquid-product specification</b>		
	NH <sub>4</sub> NO <sub>3</sub> concentration range	%	min. 91,0 - max. 93,0
	N	%	min. 31,85 - max. 32,55
	Oil	mg/kg	max. 5
	Chloride	(Cl) mg/kg	< 2 *
	Iron	(Fe) mg/kg	< 1 *
	Nitrite	(NO <sub>2</sub> ) mg/kg	< 2 *
	Phosphate	(PO <sub>4</sub> ) mg/kg	< 10 *
	Calcium	(Ca) mg/kg	< 1 *
	Sulphate	(SO <sub>4</sub> ) mg/kg	< 10 *
<b>2</b>	<b>Sampling and analysis techniques</b>		
	Sampling (*)	"In-house" method	
	Oil	DSM-AGRO 0013/ ISO 7106	
	Iron	DSM 99-26	
<b>3</b>	<b>Physical properties</b>		
	Formula	NH <sub>4</sub> NO <sub>3</sub>	
	Molar mass	80,04	
	Boiling point	92% solution at 1,0133 bar °C	155
	Crystallization point	92% solution at 1,0133 bar °C	105
	Temperature	according to ADR °C	max. 140
	Acidity 10% solution	pH	min 5 - max. 6,5
	Liquid density	kg/m <sup>3</sup> at 140 °C	1397
		at 105 °C	1418
<b>Warranty</b>			
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