

NITRIC ACID

60%



Liquid-product specification

HNO ₃	mas. - %	min. 58.5
HNO ₃ concentration range	mas. - %	min. 58.5 - max. 61
Nitrous acid	mg/kg	max. 50
Chloride (Cl)	mg/kg	max. 5
Iron (Fe)	mg/kg	max. 1
Ammonium nitrogen	mg/kg	max. 200

Sampling and analysis techniques

According to NEN6426 and Intertek 1642, 1884, 4101,1872 methods

Physical properties

Formula	HNO ₃ (aq.)	
Molar mass	63,01	
State of aggregation	liquid	
Appearance / odour	slightly yellowish transparant liquid / pungent odour	
Density	at 20 °C	kg/m ³ 1363
Boiling point	at 1 bar	°C 120
Vapour pressure	at 20 °C	bar 0,009
Freezing point		°C -20
Solubility in water	completely miscible	

WARRANTY

The Product Data Sheet represents the only product warranty made regarding this product. This information is intended for use by persons having technical skills, at their own discretion and risk. Except as set forth above there are no warranties, express or implied, including warranties of merchantability or fitness for a particular purpose and seller shall not be liable for consequential damages.

This product is subject to Regulation (EU) 98/2013, all suspicious transactions, disappearances and thefts should be reported to the relevant authority.

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