

# Potassium nitrate

NeuroPure® | Laboratory Extra Pure Reagent

**KNO<sub>3</sub>**

**M=101.11 g/mol**

## Specification

Assay		99.0 - 100.5	%
Description		Conforms	
Identification		Conforms	
Solubility		Conforms	
Clarity of solution		Conforms	
p H		5.0 - 7.5	
Chloride	≤	0.03	%
Nitrite	≤	0.0005	%
Heavy metals	≤	0.002	%
Sulfate	≤	0.1	%
Iron	≤	0.001	%
Sodium	≤	0.1	%

**Product Code: 1.2710.**

## Technical Information

Formula	KNO <sub>3</sub>
Chemical formula	KNO <sub>3</sub>
Density	2.11 g/cm <sup>3</sup> (20°C)
Molar mass	101.11 g/mol
Bulk density	800 kg/m <sup>3</sup>
CAS number	7757-79-1
HS Code	28342100
EC number	231-818-8
Storage	Without limitation
SDS	available
R phrase	R 8
S phrase	S 16-41
Odour	odourless
Form	Ssolid
Color	colourless
p H	5.0- 7.5 (50g/l 20°C)
Solubility in water	320 g/l (20°C)
Melting point	334 °C (decomposition)
Thermal decomposition	>400 °C

Glass Bottles	
5	gr
10	gr
25	gr

Plastic Bottles	
100	gr ●
500	gr ●
800	gr

Plastic Container	
1	kg ●
5	kg
10	kg

