

CERTIFICATE OF ANALYSIS

POTASSIUM NITRATE KNO₃

Other names (synonymes):	Monopotassium nitrate, nitrate potassium salt
Country of origin:	EU
Package:	1kg, 5kg, 10kg, 25kg
CAS. Nr.:	7757-79-1
EINECS Nr.:	231-818-8

Characteristics	Norm	Result
Mass fraction by weight of the basic material, %	≥ 99	99.00
Percentage by weight of water-soluble potassium as K ₂ O	Min 46,0	46,0
Nitrogen as N, % by weight	Min 13,7	13,7
Moisture as loss on drying at 105 °C, %	Max 0,3	0,05
Mass fraction of heavy metals, mg/kg	Max 20	<20
Mass fraction of iron, %	Max 10	<10
Mass fraction of chlorides Cl ⁻ , %	Max 0,07	0,01
Mass fraction of water insoluble matter, %	Max 0,02	0,005
Anti-wetting substances, % by weight	0,06-0,14	0,10
Calcium and magnesium as Ca ⁺² , % by weight	Max 0,05	0,00
Appearance	White crystals	Confirms

Batch number	
Date of manufacture	
Retest date	

Date of issue: 2024-01-13

In accordance with the original certificate issued by the manufacturer

Address of registration:

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