

Sodium nitrate, Hi-AR™/ACS

GRM3958


Product Identifier

CAS No.	:	7631-99-4
EC No.	:	231-554-3
Molecular Formula	:	NaNO ₃
Molecular Weight	:	84.99
HS Code	:	2834 29 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white to yellow crystals or powder or chunks or solid
Solubility	:	100 mg soluble in 1 mL of water
pH (5% in water at 25°C)	:	5.50 - 8.30
Chloride (Cl)	:	<=0.001%
Magnesium (Mg)	:	<=0.002%
Calcium (Ca)	:	<=0.005%
Heavy metals (as Pb)	:	<=0.0005%
Iron (Fe)	:	<=0.0003%
Sulfate (SO ₄)	:	<=0.003%
Phosphate (PO ₄)	:	<=0.0005%
Insoluble matter	:	<=0.005%
Iodate (IO ₃)	:	<= 0.0005%
Nitrite (NO ₂)	:	<= 0.001%
Assay (Cation-exchange Titration)	:	min. 99.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H272- H302- H315- H319- H335
Precautionary Statement(s)	:	P210- P261- P280- P312- P370 + P378- P501
UN No.	:	1498
Class	:	5.1
Packing Group	:	III
RTECS	:	WC5600000
WGK	:	1

