

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number 42434
 Lot Number A0468036
 Description Sodium nitrate,99+%,ACS reagent
 CAS Number 7631-99-4
 Quality Test/Release Date 11/Dec/2024
 Suggested retest date 11/Dec/2029
 Country of Origin INDIA
 Declaration of Origin synthetic

Result Name	Units	Specifications	Test Value
Appearance (Color)		Colorless to white	white
Appearance (Form)		Crystalline powder or crystals	Crystalline powder
Titration after Ion exchange	%	>=99.0	99.8
Heavy metals (ICP-OES)	ppm	=<5	=<5
Insoluble matter	%	=<0.005	0.004
pH		5.5 to 8.3 (5 % solution at 25.0°C)	5.5 (5 % solution at 25.0°C)
Chloride (Cl)	%	=<0.001	=<0.001
Iodate (IO3)	ppm	=<5	=<1
Phosphate (PO4)	ppm	=<5	=<5
Iron (Fe)	ppm	=<3	=<3
Sulfate (SO4)	%	=<0.003	=<0.002
Calcium (Ca)	%	=<0.005	0.002
Magnesium (Mg)	%	=<0.002	0.0006
Nitrite (NO2)	%	=<0.001	=<0.001



Geert Torfs
Supervisor, QC

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.