

**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 19677  
Lot Number A0482472  
Description Potassium chloride,99+%,for analysis  
CAS Number 7447-40-7  
Quality Test/Release Date 15/Apr/2026  
Suggested retest date 15/Apr/2031  
Country of Origin ISRAEL  
Declaration of Origin Mineral

Result Name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystalline powder or crystals	Crystals
Titration Argentometric	%	99.0 to 100.5 (on dried substance)	99.8 (on dried substance)
Loss on drying	%	≤0.5 (1 g, 105°C, 3 h)	0.08 (1 g, 105°C, 3 h)
Acidity/alkalinity		complies	complies
Aluminium (Al)	ppm	≤1	≤0.5
Arsenic (As)	ppm	≤0.5	≤0.5
Calcium (Ca)	ppm	≤50	≤10
Cadmium (Cd)	ppm	≤1	≤0.5
Iron (Fe)	ppm	≤10	≤1
Magnesium (Mg)	ppm	≤50	≤10
Sodium (Na)	ppm	≤700	67
Lead (Pb)	ppm	≤2	≤0.5
Heavy metals (as Pb)	ppm	≤5	≤2
Bromide (Br)	ppm	≤1000	500
Iodide (I)	ppm	≤50	≤50
Sulfate (SO4)	ppm	≤100	≤5

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.