

## **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	13406
Lot Number	A0467649

Description Potassium hydroxide,ca. 85%,for analysis,pellets

CAS Number 1310-58-3
Quality Test/Release Date 21/Nov/2024
Suggested retest date 21/Nov/2027
Country of Origin SWEDEN
Declaration of Origin synthetic

Result Name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Pellets	Pellets
Titration with HCI	%	>=85	88.5
Potassium carbonate	%	=<1 (K2CO3)	=<0.5 (K2CO3)
Chloride (CI)	ppm	=<70	11
Silver (Ag)	ppm	=<0.5	=<0.05
Aluminium (Al)	ppm	=<10	=<0.2
Iron (Fe)	ppm	=<5	0.7
Nickel (Ni)	ppm	=<3	=<0.2
Sulfate (SO4)	ppm	=<10	=<5
Calcium (Ca)	ppm	=<10	=<10
Lead (Pb)	ppm	=<0.4	=<0.4
Nitrogen compounds (as N)	ppm	=<5	=<5
Phosphate (PO4)	ppm	=<4	=<4
Silicon dioxide (SiO2)	ppm	=<5	=<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.