



Version	00
Molecular weight	322.20
Molecular Formula	Na <sub>2</sub> O <sub>4</sub> S . 10 H <sub>2</sub> O
CAS No	7727-73-3
Linear Formula	Na <sub>2</sub> SO <sub>4</sub> .10H <sub>2</sub> O
Flash Point (°C)	

## Certificate of Analysis

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.

Catalog Number	45110	Quality Test / Release Date	05/16/2023
Lot Number	A0453240	Suggested retest date	05/16/2028
Description	Sodium sulfate decahydrate,99+%,for analysis		
Country of Origin	SPAIN		
Declaration of Origin	Mineral		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder or crystals	Crystals
Titration after Ion exchange	>=99.0 %	101.2 %
pH	5.2 to 9.2 (5% soln. at 25°C)	6.1 (5% soln. at 25°C)
Arsenic (As)	=<0.5 ppm	=<0.5 ppm
Calcium (Ca)	=<20 ppm	1 ppm
Iron (Fe)	=<5 ppm	=<2 ppm
Potassium (K)	=<20 ppm	1 ppm
Magnesium (Mg)	=<5 ppm	1 ppm
Chloride (Cl)	=<5 ppm	=<2 ppm
Phosphate (PO <sub>4</sub> )	=<10 ppm	=<2 ppm
Nitrogen compounds (as N)	=<5 ppm	=<5 ppm
Heavy metals (as Pb)	=<5 ppm	=<2 ppm

C. Wygaerts, QA Manager

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