



Version	00
Molecular weight	201.22
Molecular Formula	B4 Na2 O7
CAS No	1330-43-4
Linear Formula	Na2B4O7
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.

<b>Catalog Number</b>	20629	<b>Quality Test / Release Date</b>	03/07/2023
<b>Lot Number</b>	A0451055	<b>Suggested retest date</b>	03/07/2025
<b>Description</b>	Sodium tetraborate, 98%, for analysis, anhydrous		
<b>Country of Origin</b>	SPAIN		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Powder or crystals	Powder
Titration with HCl	$\geq 97.5\%$	98.9 %
Heavy metals (as Pb)	$\leq 50$ ppm	$\leq 5$ ppm
Insoluble matter	$\leq 0.05\%$ (in water)	$\leq 0.005\%$ (in water)
Chloride (Cl)	$\leq 500$ ppm	$\leq 5$ ppm
Phosphate (PO <sub>4</sub> )	$\leq 50$ ppm	$\leq 20$ ppm
Calcium (Ca)	$\leq 200$ ppm	1 ppm
Iron (Fe)	$\leq 50$ ppm	$\leq 5$ ppm
Copper (Cu)	$\leq 50$ ppm	1 ppm
Potassium (K)	$\leq 500$ ppm	20 ppm
Magnesium (Mg)	$\leq 200$ ppm	1 ppm
Nickel (Ni)	$\leq 50$ ppm	$\leq 1$ ppm
Lead (Pb)	$\leq 50$ ppm	1 ppm

C. Wygaerts, QA Manager

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