

CERTIFICATE OF ANALYSIS

Certificate of Analysis n° : **824/24**

Issue Date: **August 08, 2024**

Lot. n°: **C020224010**

SODIUM TETRABORATE DECAHYDRATE EP

Analysis:

<u>Characteristics</u>		Units	Test	Specific		<u>Analytical chemistry procedure employed</u>
			Results	Min.	Max.	
Description			: Powder, white granules			
Identification			: Positive			
Assay	Na ₂ B ₄ O ₇ · 10H ₂ O	%	: 101,9	99,9	105,0	Potentiometric Titration
Boric oxide	B ₂ O ₃	%	: 37,2	36,5	38,3	Potentiometric Titration
Sodium oxide	Na ₂ O	%	: 16,6	16,2	17,0	Potentiometric Titration
Sulphate	SO ₄	ppm	< 10,0	-	10	Ion Chromatography
Chloride	Cl	ppm	< 5,0	-	5	Ion Chromatography
Iron	Fe	ppm	< 5,0	-	5	

Laboratory / Quality Control
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