

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by INTERTEK SAI Global
Certificate Number. QMS42099

Catalogue Number	S/7040
Lot Number	2549551
Description	di-Sodium tetraborate AR For analysis
CAS Number	1303-96-4
Quality Test/Release Date	20/Aug/2025
Expiry Phrase	Use within 5 yrs of opening
Country of Origin	Czechia

Result Name	Units	Specifications	Test Value
Assay	%	>= 99.5 and <= 103	103.00
Calcium (Ca)	ppm	<= 20	<5
Chemical form		Crystalline powder	Crystalline powder
Copper (Cu)	ppm	<= 5	<1
Insoluble matter (%)	%	<= 0.005	<0.005
Iron (Fe)	ppm	<= 5	<5
Lead (Pb)	ppm	<= 5	<0.5
Magnesium (Mg)	ppm	<= 10	<2
Phosphate (PO4)	ppm	<= 10	<10
Potassium (K)	ppm	<= 100	<20
Sulfate (SO4) (ppm)	ppm	<= 50	<50
Total chloride (Cl)	%	<= 0.0005	<0.0005
Total phosphorus (P)	ppm	<= 10	<2
Total silicon (Si)	ppm	<= 50	<50
Total sulfur (S)	ppm	<= 50	<10
Visual colour		White	White
Zinc (Zn)	ppm	<= 10	<2
pH (5% aq. solution)		>= 9.2 and <= 9.4	9.331



Ashok Ganatra
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 use or further manufacturing. 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.