

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/4200
Lot Number	2546965
Description	Sodium hydrogen carbonate SLR Specified reagent for general laboratory work
CAS Number	144-55-8
Quality Test/Release Date	05/Aug/2025
Expiry Phrase	Use within 5 years of opening
Country of Origin	Germany

Result Name	Units	Specifications	Test Value
Assay	%	>= 99	99.98
Calcium (Ca)	ppm	<= 200	<100
Chemical form		Powder	Powder
Copper (Cu)	ppm	<= 10	<0.5
Iron (Fe)	ppm	<= 20	<0.5
Lead (Pb)	ppm	<= 10	<0.5
Magnesium (Mg)	ppm	<= 200	<20
Potassium (K)	ppm	<= 500	<5
Total chloride (Cl)	%	<= 0.02	<0.01
Total phosphorus (P)	ppm	<= 10	<2
Total silicon (Si)	ppm	<= 100	<5
Total sulfur (S)	ppm	<= 50	<10
Visual colour		White	White
Zinc (Zn)	ppm	<= 20	<0.5



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.