Fisher Scientific L.L.C. US
755 US Highway
Route 202, Bridgewater,
NJ 08807, United States of America

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number	SS254
Lot Number	257870
Description	SODIUM HYDROXIDE, 50%, CERTIFIED
CAS Number	1310-73-2,7732-18-5
Quality Test/Release Date	01/May/2026
Expiration Date	30/Apr/2028
Country of Origin	United States
Declaration of Origin	Inorganic-non animal
BSE/TSE	This product is of mineral origin, not animal origin, and to the best of our knowledge, does not contribute to BSE or TSE.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
AMMONIUM HYDROX. PPT	%	<= 0.010	<0.010
ASSAY	%	Inclusive Between 50 - 52	50
CHLORIDE	%	<= 0.0025	<0.0025
HEAVY METALS (as Ag)	%	<= 0.001	<0.001
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
IRON (Fe)	ppm	<= 5	<5
NITROGEN COMPOUNDS	ppm	<= 5	<5
PARTICLES	PASS/FAIL	= PASS TEST	PASS TEST
PHOSPHATE (PO4)	ppm	<= 5	<5
POTASSIUM (K)	%	<= 0.025	<0.025
SILICA (SiO2)	%	<= 0.01	<0.01
SODIUM CARBONATE	%	<= 0.10	0.10
SULFATE (SO4)	%	<= 0.002	<0.002

Additional Information This product is not manufactured with natural latex rubber or genetically modified organisms. Also it is not manufactured using allergenic materials, including dyes/food dyes, eggs/egg products, fish/shellfish/crustaceans, flavors, glutens, legumes, milk, mollusks, MSG, mustards, plant nuts/seeds/oils, peanuts/peanut products, protein hydrolysates, soybean products, spices, sulfites, sulfates, tree nuts or oils, and wheat.

Ash Frey
Supervisor, Quality Control

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.