



1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Certificate of Analysis

Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2008 standard by SAI Global Certificate Number CERT - 0090918

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Certain products (USP/FCC/NF/EP/BP/JP grades) are sold for use in food, drug, or medical device manufacturing. Fisher does not claim regulatory coverage under 21 CFR nor maintain DMF's with the FDA. The following are the actual analytical results obtained:

Catalog Number	S318	Quality Test / Release Date 8/17/2016	
Lot Number	164106		
Description	SODIUM HYDROXIDE, A.C.S.		
Country of Origin	United States	* Suggested Retest Date	Aug-2021
Chemical Origin	Inorganic		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

Result name	Units	Specifications	Test Value
APPEARANCE		REPORT	white pellets
ASSAY	%	>= 97.0	98.9
CALCIUM	%	<= 0.005	<0.0050
CHLORIDE	%	<= 0.005	<0.005
HEAVY METALS (as Ag)	%	<= 0.002	<0.0020
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
IRON (Fe)	%	<= 0.001	<0.0010
MAGNESIUM	%	<= 0.002	<0.0020
MERCURY (Hg)	ppm	<= 0.1	<0.10
NICKEL (Ni)	%	<= 0.001	<0.0010
NITROGEN COMPOUNDS	%	<= 0.001	<0.0010
PHOSPHATE (PO4)	%	<= 0.001	<0.0010
POTASSIUM (K)	%	<= 0.02	<0.020
SODIUM CARBONATE	%	<= 1.0	0.5
SULFATE (SO4)	%	<= 0.003	<0.0030



Jerusa Bailey-Wyche

Quality Assurance Specialist - Certificate of Analysis Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above. If there are any questions with this certificate, please call Chemical Services at (800) 227-6701.
*Based on suggested storage condition.