

Sodium hydroxide 95.0-100.5%, pellets, GenAR® NF, Macron Fine Chemicals™

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Specification Test Results

Food GMP Manufactured Product	
GMP Manufactured Product	
Meets B.P. Chemical Specifications	
Meets E.P. Chemical Specifications	
Meets F.C.C. Requirements	
Meets J.P. Chemical Specifications	
Meets N.F. Requirements	
CAUTION: For Manufacturing, processing or repackaging	
Bulk Food Chemical	
Bulk Pharmaceutical Chemical	
NF - Total Alkali	95.0 - 100.5 %
NF - Content of Sodium	54.0 - 59.8 %
NF - Insoluble Substances and Organic Matter	Passes Test
NF - Identification A (Sodium)	Passes Test
NF - Identification B (pH)	≥ 11.0
NF - Potassium (K)	≤ 0.5 %
NF/FCC - Carbonate (as Na ₂ CO ₃)	≤ 3.0 %
FCC - Assay (Total alkali as NaOH)	95.0 - 100.5 %
FCC - Lead (Pb)	≤ 2 mg/kg
FCC - Mercury (Hg)(mg/kg)	≤ 0.1
FCC - Arsenic (As)(mg/kg)	≤ 3
FCC - Identification	Passes Test
FCC - Insoluble Substances and Organic Matter	Passes Test
BP/EP - Assay (Total alkali as NaOH)	97.0 - 100.5 %
EP/BP - Identification A	Passes Test
EP/BP - Identification B	Passes Test
EP/BP - Appearance of Solution	Passes Test
EP/BP - Iron (Fe)	≤ 10 ppm
EP/BP - Carbonate (as Na ₂ CO ₃)	≤ 2.0 %
EP/BP - Chloride (Cl)	≤ 200 ppm
EP/BP - Sulfate (SO ₄)	≤ 200 ppm
JP - Assay	95.0 - 101.0 %

JP - Identification A	Passes Test
JP - Identification B	Passes Test
JP - Clarity and Color of Solution	Passes Test
JP - Chloride (Cl)	$\leq 0.050 \%$
JP - Heavy Metals (as Pb)	$\leq 30 \text{ ppm}$
JP - Potassium (K)	Passes Test
JP - Carbonate (as Na_2CO_3)	$\leq 2.0 \%$
JP - Mercury (Hg)	Passes Test
Endotoxin Concentration (EU/g)	≤ 5
Appearance (white hygroscopic pellets)	
No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.	
Elemental Impurities (USP 232, EP 5.20) - Information on elemental impurities for this product is available on the associated Product	
Regulatory Data Sheet and elemental impurity profile report.	