



Sodium Hydroxide 50% Solution
 GMP Manufactured Product
 PharmaPUR™

Product Number: 767815GMP
 Lot Number: 76780651901
 Manufacture Date: 06-Mar-2019
 Expiration Date: 06-Mar-2021

Certificate of Analysis

Parameter	Test Method	Specification	Result
Meets U.S.P./NF Requirements			
Assay (w/w)	NF	50.0-52.0%	50.89 %
Carbonate	NF	3.0% maximum	0.1 %
Heavy Metals	NF	1 ppm maximum	<1 ppm
Insoluble Substances and Organic Matter	NF	Passes Test	Pass
Identification: Sodium <191>	NF	Passes Test	Pass
Meets Ph.Eur. Chemical Specifications			
Chloride	EP	30 ppm maximum	<30 ppm
Iron	EP	2 ppm maximum	<2 ppm
Additional Specifications			
Turbidity		Report as NTU	0.52 NTU
Appearance		Clear to hazy, colorless liquid	Pass

Made from USP Purified Water and Sodium Hydroxide pellets, NF which meets EP, and JP chemical specifications.
 This product meets the USP guideline for residual solvents.
 The final solution is filtered using a 2.5µm filter.

Release Authorized by  (John Sinclair), Site Quality Manager
 Date of Certificate Analysis Release: 25-Mar-2019
 This Certificate of Analysis was released from a controlled electronic document management system.

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