



## Certificate of Analysis

### Sodium Hydroxide 0.5N Solution

#### PharmaPUR™

#### GMP Manufactured Product

<u>Property</u>	<u>Specifications</u>	<u>Analysis</u>	
Assay Normality	0.48-0.52 N	0.52	N
Appearance	To Pass Test	Pass	
Carbonate	0.6% maximum	<0.1	%
Identification: Sodium <191>	Passes Test	Pass	
Insoluble Substances and Organic Matter	To Pass Test	Pass	
Chloride	30 ppm maximum	<30	ppm
Heavy Metals	1 ppm maximum	<1	ppm
Iron	0.5 ppm maximum	<0.5	ppm
Endotoxin (mL)	2.0 EU/mL maximum	<2.0	EU/mL

Made from USP Purified Water and Sodium Hydroxide, NF pellets which also meet EP and JP specifications.

The final solution is then filtered using a 0.2µm filter. The solution meets all requirements for residual solvents USP <467>.

Lot Number 76682431801

By

John Sinclair  
Site Quality Manager

Manufacture Date 08/31/2018  
Expiration Date 08/31/2020