



Certificate of Analysis

Sodium Hydroxide, 1.00 Normal

Lot Number: 4906F73

Product Number: CP-B2438P

Manufacture Date: JUN 21, 2019

Expiration Date: JUN 2021

The certified value for this product is confirmed in independent testing by a second qualified chemist.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Hydroxide	1310-73-2	Reagent

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
Assay (vs. Potassium Hydrogen Phthalate/Phenolphthalein)	0.999-1.001 N at 20°C	1.001 N at 20°C	84

Specification	Reference
Sodium Hydroxide, 1 N	APHA (3500-Ca B)
Sodium Hydroxide Stock Solution, 1 N	APHA (4500-S2- E)
Sodium Hydroxide, 1 N	APHA (4500-Norg C)
Sodium hydroxide, 1 N	TAPPI (T 624 cm-85)
1 M Sodium hydroxide	EP (N/A)
Sodium Hydroxide, 1 N	APHA (3500-Se E)
Sodium Hydroxide, 1 N	APHA (5570 C)
Sodium Hydroxide, 1 N	APHA (4500-Cl- B)
Sodium Hydroxide, 1 N	APHA (4500-Cl- D)
Sodium Hydroxide, 1.00 N	APHA (4500-NO3- H)
Sodium Hydroxide, 1 N	APHA (3500-Al B)
Sodium Hydroxide, 1 N	APHA (3500-Cr B)
Sodium Hydroxide, 1 N	APHA (7500-Ra D)
Sodium Hydroxide, 1 N	APHA (4500-P B)
Sodium hydroxide, 1 N	EPA (215.2)
Sodium Hydroxide, 1 N	EPA (425.1)
Sodium Hydroxide (1 N)	EPA (SW-846) (9030B)
Sodium Hydroxide (1 N)	EPA (SW-846) (9066)
Sodium Hydroxide (1 N)	EPA (SW-846) (1311)
Sodium Hydroxide Solution, 1.0 N	EPA (SW-846) (8315A)
Sodium Hydroxide, 1 N	EPA (SW-846) (9012A)
Sodium Hydroxide Solution, 1 M	EPA (SW-846) (7197)
Sodium Hydroxide Solution, 1 M	EPA (218.3)
Sodium Hydroxide, 1 N	EPA (SW-846) (9080)
Standard Sodium Hydroxide Solution, 1 N	EPA (305.2)
Sodium hydroxide, 1.0 N	TAPPI (T 610 sp-97)
Sodium Hydroxide, 1 N	EPA (420.2)
Sodium Hydroxide, 1 N	EPA (335.3)
Sodium Hydroxide (1.0 N)	EPA (353.1)

Sodium Hydroxide, 1 N	EPA (430.1)
Sodium Hydroxide, 1 N	EPA (430.2)
Sodium Hydroxide Solution, 1 M	EPA (218.4)
Sodium Hydroxide (1 N)	EPA (352.1)
Sodium Hydroxide, 1 N	EPA (350.2)
Sodium Hydroxide, 1 N	EPA (365.2)
Alkali Solution, 1 N	APHA (5210 B)
Sodium Hydroxide, 1 Normal Volumetric Solution	ACS (N/A)
1 M Sodium hydroxide Volumetric Solution	EP (3006300)
Sodium Hydroxide, Normal (1 N) Volumetric Solution	USP (N/A)
Sodium Hydroxide, 1 Normal Volumetric Solution	ACS (N/A)
Sodium Hydroxide, Normal (1 N) Volumetric Solution	USP (N/A)
Sodium Hydroxide, 1 N	APHA (4500-NH3 B)

Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Jim Gibbs (06/21/2019)

Quality Control Supervisor

This Certificate of Analysis is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

This test report shall not be reproduced, except in full, without the written approval of ChemPure Brand Chemicals.