

Certificate of Analysis

Sodium Hydroxide, 0.100 Normal (N/10)

Lot Number: 2111C27

Product Number: 7350

Manufacture Date: NOV 10, 2021

Expiration Date: OCT 2023

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)	0.0999-0.1001 N at 20°C	0.1000 N at 20°C	84

Specification	Reference
Sodium hydroxide, NaOH, 0.1 N	APHA (2340 C)
Sodium Hydroxide Solution Standard (0.10 N)	ASTM (D 2187 E)
Standard sodium hydroxide titrant, 0.1 N	APHA (2310 B)
Sodium Hydroxide, 0.1 N	APHA (4500-Cl- C)
Sodium Hydroxide, 0.1 N	APHA (4500-NO3- D)
Sodium Hydroxide, 0.1 N	APHA (3500-Al B)
Standardized 0.1 N NaOH	TAPPI (T 611 cm-97)
Sodium hydroxide, approximately 0.1 N	TAPPI (T 255 cm-97)
Sodium Hydroxide, 0.1 N	TAPPI (T 607 cm-84)
Sodium hydroxide, approximately 0.1 M	TAPPI (T 218 sp-97)
Sodium hydroxide approximately 0.1 M	TAPPI (T 272 sp-97)
Sodium Hydroxide Solution, Standard (0.10 N)	ASTM (D 1141)
Sodium Hydroxide (0.1 N)	EPA (SW-846) (9057)
Sodium Hydroxide (0.1 M)	EPA (SW-846) (50)
Sodium Hydroxide (0.1 M)	EPA (SW-846) (51)
Sodium hydroxide, approximately 0.1 N	TAPPI (T 256 cm-97)
Sodium Hydroxide, 0.1 N standard	EPA (SW-846) (9080)
Sodium Hydroxide, Standard Solution (0.10 N)	ASTM (D 2187 G)
Sodium Hydroxide Solution (0.1 M)	ASTM (D 4047)
Sodium hydroxide, 0.1 N	TAPPI (T 610 sp-97)
Sodium Hydroxide Solution, Standard (0.1 mol/L)	ASTM (D 3712)
Sodium Hydroxide Solution, Standard (0.10 N)	ASTM (D 4548)
Standardized 0.1 N sodium hydroxide	TAPPI (T 553 pm-92)
Sodium Hydroxide Solution, Standard (0.10 N)	ASTM (D 2187 I)
Sodium hydroxide, 0.1 N	TAPPI (T 689 om-93)
Sodium Hydroxide Solution Standard (0.10 N)	ASTM (D 2187 J)
Sodium Hydroxide, 0.1 Normal Volumetric Solution	ACS (N/A)
Sodium Hydroxide, 0.1 Normal Volumetric Solution	ASTM (E 200)

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.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
7350-1	4 L natural poly	24 months
7350-16	500 mL natural poly	24 months
7350-1CT	4 L Cubitainer®	24 months
7350-2.5	10 L Cubitainer®	24 months
7350-32	1 L natural poly	24 months
7350-5	20 L Cubitainer®	24 months
7350-5HP	20 L Ropak™	24 months
7350-8	250 mL natural poly	24 months

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



Kerry Kingsbury (11/10/2021)

Quality Control Supervisor

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

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