

# Product Specification

## Sodium Hydroxide, 10% (w/v) (100 g/L)

Lot Number: SAMPLE

Product Number: 7260

Manufacture Date: N/A

Expiration Date: N/A

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	N/A	
Assay (vs. Sulfuric Acid/Phenolphthalein)	9.96-10.04 % (w/v)	N/A	723

Specification	Reference
Sodium hydroxide solution (100 g/1000 mL)	TAPPI (T 602 cm-97)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 3866 A)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 858 B)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 1886 B)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 3557 B)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 3558 B)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 1688 B)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 3559 B)
Sodium hydroxide, 10% solution	TAPPI (T 618 cm-84)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 1266)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 3372)
Sodium Hydroxide Solution (100 g/L)	ASTM (D 1266)
Sodium Hydroxide Reagent Solution	ACS (N/A)

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)
7260-1	4 L natural poly	36 months
7260-15	15 gal (57 L) drum	36 months
7260-16	500 mL natural poly	36 months
7260-2.5	10 L Cubitainer®	36 months
7260-32	1 L natural poly	36 months
7260-4	120 mL natural poly	36 months
7260-5	20 L Cubitainer®	36 months
7260-55	55 gal poly drum	36 months
7260-8	250 mL natural poly	36 months
R7260000-30E	30 gal drum	36 months
R7260000-V120A	120 mL natural poly	36 months

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

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

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