

Product Specification

**Sodium Hydroxide, 50% (w/w) (760 g/L), Purified Grade
Nitrogen Free - Suitable for Kjeldahl Nitrogen Analysis**

Lot Number: SAMPLE

Product Number: 7290

Manufacture Date: N/A

Expiration Date: N/A

Name	CAS#	Grade
Water	7732-18-5	Purified
Sodium Hydroxide	1310-73-2	Purified

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	N/A	
Hydroxide Alkalinity as NaOH	min 49.5 % (w/w)	N/A	
Iron (Fe)	max 0.0008 %	N/A	3126
Sodium Carbonate (Na ₂ CO ₃)	max 0.4 %	N/A	
Sodium Chloride (NaCl)	max 2.20 %	N/A	
Total Alkalinity as Sodium Oxide (Na ₂ O)	min 38.30 % (w/w)	N/A	

Specification	Reference
Sodium hydroxide solution, 50% by weight	TAPPI (T 418 cm-97)

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)
7290-1	4 L natural poly	36 months
7290-15G	15 gal (57 L) drum	36 months
7290-16	500 mL natural poly	36 months
7290-2.5	10 L Cubitainer®	36 months
7290-32	1 L natural poly	36 months
7290-5	20 L Cubitainer®	36 months
7290-55	55 gal poly drum	36 months
7290-570	570 g natural poly	36 months
7290-5HP	20 L Ropak™	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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