

Product Specification

Sodium Hydroxide, 10.0 Normal

Lot Number: SAMPLE

Product Number: 7470

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 (from ACS) |

| Test | Specification | Result | NIST SRM# |
|---|----------------------|--------|-----------|
| Appearance | Colorless liquid | N/A | |
| Assay (vs. Sulfuric Acid/Phenolphthalein) | 9.95-10.05 N at 20°C | N/A | 723 |
| Heavy Metals (as Pb) | max 10 ppm | N/A | |
| Iron (Fe) | max 5 ppm | N/A | 3126 |

| Specification | Reference |
|--|----------------------|
| Sodium hydroxide Solution (400 g/L) | ASTM (D 3590 A) |
| Sodium Hydroxide Solution (400 g/L) | ASTM (D 1426 B) |
| Sodium Hydroxide, 10 N | APHA (4500-NH3 D) |
| Sodium Hydroxide, 10 N | APHA (4500-CN- L) |
| Sodium Hydroxide Stock Solution | APHA (4500-NO3- H) |
| Sodium Hydroxide, 10 N | APHA (7500-Ra D) |
| ISA Solution (10 M NaOH) | EPA (SW-846) (9213) |
| Sodium Hydroxide Solution (10 N) | EPA (SW-846) (3510C) |
| Sodium Hydroxide Solution (10 N) | EPA (SW-846) (3520C) |
| Sodium Hydroxide (10 N) | EPA (SW-846) (3650B) |
| Sodium Hydroxide Solution (10 N) | EPA (SW-846) (3535) |
| Sodium Hydroxide Solution (10 Molar) | EPA (SW-846) (3542) |
| Sodium Hydroxide, 10 N | EPA (350.3) |
| Sodium Hydroxide, 10 N | EPA (351.4) |
| Sodium Hydroxide Stock Solution (10 N) | EPA (353.1) |
| Sodium Hydroxide, 10 N | EPA (110.1) |

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) |
|---------------|---------------------|---------------------------------|
| 7470-1 | 4 L natural poly | 24 months |
| 7470-10A | 10 mL natural poly | 24 months |
| 7470-16 | 500 mL natural poly | 24 months |
| 7470-1CT | 4 L Cubitainer® | 24 months |
| 7470-2.5 | 10 L Cubitainer® | 24 months |
| 7470-220 | 220 gal tote | 24 months |
| 7470-32 | 1 L natural poly | 24 months |
| 7470-330 | 330 gal tote | 24 months |
| 7470-4 | 120 mL natural poly | 24 months |
| 7470-5 | 20 L Cubitainer® | 24 months |
| 7470-50 | 50 gal drum | 24 months |
| 7470-55 | 55 gal poly drum | 24 months |
| 7470-5HP | 20 L Ropak™ | 24 months |
| R7470000-20E1 | 20 L Ropak™ | 24 months |

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

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