

Certificate of Analysis

Potassium Hydroxide, 0.100 Normal (N/10)

Lot Number: 4311C31

Product Number: 6200

Manufacture Date: NOV 02, 2023

Expiration Date: OCT 2025

| Name | CAS# | Grade |
|---------------------|-----------|-----------------|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Potassium Hydroxide | 1310-58-3 | ACS |

| Test | Specification | Result | NIST SRM# |
|--|-------------------------|------------------|-----------|
| Appearance | Colorless liquid | Passed | |
| Assay (vs. Potassium Hydrogen Phthalate/Phenolphthalein) | 0.0999-0.1001 N at 20°C | 0.1001 N at 20°C | 84 |

| Specification | Reference |
|---|---------------------|
| Potassium Hydroxide, 0.1 M | EPA (SW-846) (61) |
| Potassium Hydroxide, 0.1 N aqueous solution | ASTM (D 2619) |
| Potassium hydroxide, 0.1 N | TAPPI (T 610 sp-97) |
| Potassium hydroxide, 0.1 N | TAPPI (T 689 om-93) |
| 0.1 M Potassium hydroxide Volumetric Solution | EP (3004800) |

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) |
|-------------|---------------------|---------------------------------|
| 6200-32 | 1 L natural poly | 24 months |

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



Paul Brandon (11/02/2023)

Production Manager

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

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