448 West Fork Dr Arlington, TX 76012 http://www.riccachemical.com 1-888-GO-RICCA

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Certificate of Analysis

Sulfuric Acid, 0.100 Normal (N/10)

Lot Number: 1404J88 Product Number: 8250

Manufacture Date: APR 23, 2024

Expiration Date: APR 2027

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 | |
| Sulfuric Acid | 7664-93-9 | ACS | |

| Test | Specification | Result | NIST SRM# |
|---|-------------------------|------------------|-----------|
| Appearance | Colorless liquid | Passed | |
| Assay (vs. | 0.0999-0.1001 N at 20°C | 0.1000 N at 20°C | 723 |
| Tris(hydroxymethyl)aminomethane/Methyl Red) | | | |

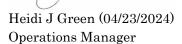
| Specification | Reference |
|---|---------------------|
| Sulfuric Acid, 0.05 M (0.1 N) | APHA (4500-SiO2 E) |
| Standard sulfuric acid, 0.1 N | АРНА (2320 В) |
| Sulfuric Acid, 0.1 N | EPA (SW-846) (9315) |
| Standard Sulfuric Acid, 0.1 N | EPA (310.1) |
| Sulfuric Acid (0.1 N) | EPA (SW-846) (9057) |
| Sulfuric Acid (0.05 M) | EPA (SW-846) (50) |
| Sulfuric Acid (0.05 M) | EPA (SW-846) (51) |
| Sulfuric acid, 0.1 N | TAPPI (T 418 cm-97) |
| Sulfuric Acid, 0.1 N standard | EPA (SW-846) (9080) |
| Standard Sulfuric Acid, 0.1 N | EPA (SW-846) (9080) |
| Sulfuric Acid, Standard (0.05 M) | ASTM (D 3228) |
| Sulfuric acid, 0.1 N | TAPPI (T 610 sp-97) |
| Sulfuric Acid Solution (1+359) | ASTM (D 3454) |
| 0.05 M Sulphuric acid Volumetric Solution | EP (3008000) |

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) |
|-------------|---------------------|---------------------------------|
| 8250-1 | 4 L natural poly | 36 months |
| 8250-16 | 500 mL natural poly | 36 months |
| 8250-32 | 1 L natural poly | 36 months |

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

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