RICCA CHEMICAL COMPANY®

Certificate of Analysis

Sulfuric Acid, 5% (v/v)

| Lot Number: 1311F61 Product Nu | mber: 8149 | | Date: NOV 15, 2023 tion Date: OCT 2026 |
|--|---|--|---|
| 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. Sodium Hydroxide/Phenolphthalein) | 4.97-5.03 % (v/v) | 5.01 % (v/v) | 84 |
| Specification | Reference | | |
| Sulfuric Acid (1 + 19) | ASTM (D 512 B) | | |
| Sulfuric Acid Solution | APHA (4500-ClO2 D) | | |
| Sulfuric Acid (1:19) | EPA (SW-846) (9253) | | |
| Sulfuric Acid (1+19) | ASTM (D 1425) | | |
| Volumetric glassware complies with Class A tolerance requirecalibrated regularly in accordance with ASTM E 542 and traceable to the NIST national mass standard. Thermometer thermometer traceable to NIST standards. All products are methods. Batch records document raw material traceability | NIST Procedure NBSIR 74-46 ers and temperature probes an prepared according to master | 31. Balances are calibrated regularly re calibrated before first use and rec of documents that assure manufactur | v with weights certified alibrated regularly with a |
| Part Number Size / | Package Type | Shelf Life (Unop | ened Container) |

| | Size / Fackage Type | Shell Life (Unopened Container) |
|---------|---------------------|---------------------------------|
| 8149-1 | 4 L natural poly | 36 months |
| 8149-16 | 500 mL natural poly | 36 months |
| 8149-32 | 1 L natural poly | 36 months |
| | | |

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

Heidi J Green (11/15/2023) Operations Manager This document is designed to comply with ISO Guide 31 "Reference Materials --Contents of Certificates and Labels."

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