

# Certificate of Analysis

## Spinal Diluting Fluid, Crystal Violet-Acetic Acid Solution for Cerebrospinal Fluid Cell Count

**Lot Number:** 2411E52**Product Number:** 7996**Manufacture Date:** NOV 11, 2024**Expiration Date:** MAY 2026

For In Vitro Diagnostic Use. This product is intended for dilution and staining of cerebrospinal fluid samples for moderate total cell counts by microscopic examination.

Recommended procedure: The cells should be counted as soon as the specimen is received. Mix the specimen thoroughly. Draw the spinal fluid to mark 1 in a white cell counting pipet and add this diluting fluid to the 11 mark (1:10 dilution). Mix, discard one-third, and place 1 drop on each side of the blood counting chamber. Count the cells in five squares for each drop (four corners and center), and add the total for all 10 squares counted. Multiply by 10 to obtain the count in cells/mm<sup>3</sup>. This diluting fluid is not suitable for use with very cloudy or bloody samples..

| Name           | CAS#      | Grade           |
|----------------|-----------|-----------------|
| Water          | 7732-18-5 | ACS/ASTM/USP/EP |
| Acetic Acid    | 64-19-7   | ACS             |
| Gentian Violet | 548-62-9  | Certified       |

| Test                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Specification      | Result |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------|
| Appearance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dark violet liquid | Passed |
| 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) |
|-------------|---------------------|---------------------------------|
| 7996-4      | 120 mL natural poly | 18 months                       |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)Jose Pena (11/11/2024)  
Operations Manager

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