

# Certificate of Analysis

**Formaldehyde, 10% (v/v), Buffered, pH 7.0, Histological Fixative****Lot Number:** 2405B99**Product Number:** 3190**Manufacture Date:** MAY 03, 2024**Expiration Date:** APR 2026

For In Vitro Diagnostic Use. Recommended for routine fixation of histological tissue samples. May be suitable for other laboratory applications. Consult standard histology and pathology texts and operating procedures for detailed instructions.

Name	CAS#	Grade
Water	7732-18-5	ACS/ASTM/USP/EP
Sodium Hydroxide	1310-73-2	Reagent
Phosphoric Acid	7664-38-2	ACS
Methyl Alcohol	67-56-1	ACS
Formaldehyde	50-00-0	ACS

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	7.00-7.10	7.09	186-I-g, 186-II-g, 191d

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)
3190-8	250 mL amber glass	24 months

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)Jose Pena (05/03/2024)  
Operations Manager

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