

Certificate of Analysis

Formaldehyde, 10% (v/v), Buffered, pH 7.0, Histological Fixative

Lot Number: 2404G55

Product Number: 3190

Manufacture Date: APR 17, 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
Formaldehyde	50-00-0	ACS
Methyl Alcohol	67-56-1	ACS
Phosphoric Acid	7664-38-2	ACS
Sodium Hydroxide	1310-73-2	Reagent

Test	Specification	Result	NIST SRM#
Appearance	Colorless liquid	Passed	
pH at 25°C (Method: SQCP027, SQCP033)	7.00-7.10	7.06	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)
3190-16	500 mL natural poly	24 months
3190-2.5	10 L Cubitainer®	24 months
3190-5	20 L Cubitainer®	24 months

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



Jose Pena (04/17/2024)

Operations Manager

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

This test report shall not be reproduced, except in full, without the written approval of Ricca Chemical Company.