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SAMI² pH Validation Certificate

September 9, 2020

Serial Number: P0153
RMA Number: 082127
Technician: BW
Reagent: pmcp0714

Table 1: SAMI² pH E-values.

Ea ₄₃₄	Eb ₄₃₄	Ea ₅₇₈	Eb ₅₇₈
17372.0	2284.0	94.1	38676.0

Validation Notes

Tris Batch: 061720

$\Delta T = 0.03^{\circ}\text{C}$

Tris Bottle: 9

$N = 9$

Validation Temp: 25.04 °C

$\Delta \text{pH} = -0.0001 \pm 0.0009$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard Refurbishment

Optical filters and fibers replaced.