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SAMI² pH Validation Certificate

October 27, 2021

Serial Number: P0116
RMA Number: 091340
Technician: BW
Reagent: pmcp0861

Table 1: SAMI² pH E-values.

Ea ₄₃₄	Eb ₄₃₄	Ea ₅₇₈	Eb ₅₇₈
17372.0	2284.0	94.1	38676.5

Validation Notes

Tris Batch: 092921

$\Delta T = 0.15^{\circ}\text{C}$

Tris Bottle: 5

$N = 7$

Validation Temp: 25.05 °C

$\Delta \text{pH} = -0.0006 \pm 0.0010$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

- Standard Refurbishment

- Replaced Damaged swagelok (Corrosion)

- Repaired damaged pressure cap (1hr)

- OOI IR testing