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SAMI² pH Validation Certificate

October 7, 2020

Serial Number: P0132
RMA Number: 083125
Technician: B. Montgomery
Reagent: PmCP_0725

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: 091620

$\Delta T = 0.10^{\circ}\text{C}$

Tris Bottle: 3

$N = 7$

Validation Temp: 25.42 °C

$\Delta \text{pH} = -0.0020 \pm 0.0023$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard refurbishment

3-pin bulkhead replaced with used part

6-pin bulkhead replaced

Diaphragm replaced