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SAMI² pH Validation Certificate

November 23, 2020

Serial Number: P0159
RMA Number: 083125
Technician: B. Montgomery
Reagent: PmCP_0723

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

$\Delta T = 0.04^{\circ}\text{C}$

Tris Bottle: 5

$N = 9$

Validation Temp: 25.14 °C

$\Delta \text{pH} = 0.0022 \pm 0.0011$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard refurbishment

Valve replaced due to leaking from NCL

Cell replaced with used part

Insulation resistance testing