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SAMI² pH Validation Certificate

May 4, 2023

Serial Number: P0132
RMA Number: 083125
Technician: BW
Reagent: pmcp1086

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: 041123

$\Delta T = 0.14^{\circ}\text{C}$

Tris Bottle: 5

$N = 9$

Validation Temp: 25.10 °C

$\Delta \text{pH} = 0.0030 \pm 0.0009$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard Refurbishment

IR testing

New Pump

50 pct reagent