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SAMI² pH Validation Certificate

July 7, 2023

Serial Number: P0161
RMA Number: 082307
Technician: BW
Reagent: pmcp1127

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: 061423

$\Delta T = 0.09^{\circ}\text{C}$

Tris Bottle: 2

$N = 9$

Validation Temp: 25.08 °C

$\Delta \text{pH} = -0.0018 \pm 0.0008$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

standard refurbishment

IR testing

20 pct reagent