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SAMI² pH Validation Certificate

November 22, 2023

Serial Number: P0163
RMA Number: 280
Technician: BW
Reagent: pmcp1202

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: 111023

$\Delta T = 0.07^{\circ}\text{C}$

Tris Bottle: 3

N = 10

Validation Temp: 25.05 °C

$\Delta \text{pH} = -0.0046 \pm 0.0006$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

standard refurb

IR testing

Replaced damaged board, 2x sem ug