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SAMI² pH Validation Certificate

December 5, 2023

Serial Number: P0112
RMA Number: 280
Technician: BW
Reagent: pmcp1225

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

$\Delta T = 0.26^{\circ}\text{C}$

Tris Bottle: 4

N = 11

Validation Temp: 25.13 °C

$\Delta \text{pH} = -0.0048 \pm 0.0005$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

standard refurb

IR testing

2x sem U/g