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SAMI² pH Validation Certificate

May 4, 2017

Serial Number: P0154
Technician: J. Seidel
Reagent: PmCP0129

Table 1: SAMI² pH E-values.

Ea ₄₃₄	Eb ₄₃₄	Ea ₅₇₈	Eb ₅₇₈
17372.0	2284.1	94.1	38676.5

Validation Notes

Tris Batch: Tris 050317

$\Delta T = 0.03^{\circ}\text{C}$

Tris Bottle: Salinity = 34.96

N = 11

Validation Temp: 25.13 °C

$\Delta \text{pH} = -0.0012 \pm 0.0007$

Build Notes

Pressure Test: 200 psi – Passed