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SAMI² pH Validation Certificate

August 27, 2018

Serial Number: P0132
RMA Number: 071456
Technician: B. Wasser
Reagent: pmcp0397

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: 073118

$\Delta T = 0.08^{\circ}\text{C}$

Tris Bottle: 3

$N = 9$

Validation Temp: 25.13 °C

$\Delta \text{pH} = 0.0020 \pm 0.0005$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

pump and valve corroded. diaphragm, pump and valve replaced.

3-pin bulkhead broken. -replaced

still running