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SAMI² pH Validation Certificate

August 2, 2023

Serial Number: P0159
RMA Number: 082311
Technician: BP
Reagent: PmCP1137

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

$\Delta T = 0.11\text{ }^{\circ}\text{C}$

Tris Bottle:

$N = 9$

Validation Temp: 24.98 °C

$\Delta \text{pH} = 0.0018 \pm 0.0006$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard Refurb

Replaced LED and filter