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SAMI² pH Validation Certificate

July 21, 2023

Serial Number: P131
RMA Number: 082307
Technician: BP
Reagent: PmCP119

Table 1: SAMI² pH E-values.

Ea ₄₃₄	Eb ₄₃₄	Ea ₅₇₈	Eb ₅₇₈
17372.0	2284.0	94.1	38676.5

Validation Notes

Tris Batch: 071823

$\Delta T = 0.16^{\circ}\text{C}$

Tris Bottle:

$N = 9$

Validation Temp: 25.04°C

$\Delta \text{pH} = 0.0008 \pm 0.0026$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Stadard Refurb, new cell, new filters