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SAMI² pH Validation Certificate

February 3, 2017

Serial Number: P0153
Technician: B. Wasser
Reagent: pmcp0131

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: 111616

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

Tris Bottle: 6

$N = 9$

Validation Temp: 24.88 °C

$\Delta \text{pH} = 0.0017 \pm 0.0008$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Swagelok Plug

Peek Mixer tube