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SAMI² pH Validation Certificate

April 6, 2016

Serial Number: P0163
OOI Number: ATAPL58337-00009
Technician: B. Wasser
Reagent: PmCP0005

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: 021016

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

Tris Bottle: 4

$N = 10$

Validation Temp: 25.11 °C

$\Delta \text{pH} = -0.0009 \pm 0.0008$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Ventable Swagelok plug

Enhanced PEEK mixing tube