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SAMI² pH Validation Certificate

May 6, 2016

Serial Number: P131
OOI Number: 4830-58337
Technician: B Wasser
Reagent: PmCP0018

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: 041816

Tris Bottle: 1

Validation Temp: 25.23 °C

$\Delta T = 0.10\text{ }^{\circ}\text{C}$

N = 13

$\Delta \text{pH} = -0.0016 \pm 0.0036$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Swagelok Ventable plug

Enhanced PEEK mixing tube