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SAMI² pH Validation Certificate

November 11, 2019

Serial Number: P131
RMA Number: 082727
Technician: BW
Reagent: pmcp0583

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: 101519

$\Delta T = 0.12^{\circ}\text{C}$

Tris Bottle: 4

$N = 7$

Validation Temp: 25.22 °C

$\Delta \text{pH} = -0.0027 \pm 0.0008$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

refurbishment with OOI 3-pin upgrade; pv cable, bulkhead, pressure plate and labor.

Replacement of pump and valve

75% reagent remained on rcpt