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## SAMI<sup>2</sup> pH Validation Certificate

November 25, 2019

Serial Number: P0117  
RMA Number: 082730  
Technician: BW  
Reagent: pmcp0572

Table 1: SAMI<sup>2</sup> pH E-values.

Ea <sub>434</sub>	Eb <sub>434</sub>	Ea <sub>578</sub>	Eb <sub>578</sub>
18103.0	2296.0	97.8	40427.0

## Validation Notes

Tris Batch: 101519

$\Delta T = 0.09^{\circ}\text{C}$

Tris Bottle: 5

$N = 11$

Validation Temp:  $24.99^{\circ}\text{C}$

$\Delta \text{pH} = -0.0035 \pm 0.0010$

## Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard refurbishment  
damaged pump and valve replaced