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

May 26, 2023

Serial Number: P0111  
RMA Number: 103122  
Technician: BW  
Reagent: pmcp1097

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>
17372.0	2284.0	94.1	38676.0

## Validation Notes

Tris Batch: 041123

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

Tris Bottle: 8

$N = 9$

Validation Temp: 25.09 °C

$\Delta \text{pH} = 0.0009 \pm 0.0011$

## Build Notes

Pressure Test: 200 psi – Passed

Modifications:

standard refurbishment

IR testing

10 pct reagent