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

February 14, 2017

Serial Number: P0161  
Technician: B. Wasser  
Reagent: pmcp0136

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	2284.1	94.1	38676.5

## Validation Notes

Tris Batch: 111616

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

Tris Bottle: 7

$N = 9$

Validation Temp: 24.85 °C

$\Delta \text{pH} = -0.0018 \pm 0.0008$

## Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Swagelok ventable plug added

Firmware upgraded to v 55

Peek mixing tube added/replaced