



Sunburst Sensors, LLC
1226 W Broadway Ave
Missoula, MT 59802
+1 406 532 3247

SAMI² pH Validation Certificate

February 14, 2017

Serial Number: P0154
Technician: B. Wasser
Reagent: pmp0129

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: 111616

$\Delta T = 0.06^{\circ}\text{C}$

Tris Bottle: 7

N = 9

Validation Temp: 24.86 °C

$\Delta \text{pH} = -0.0002 \pm 0.0006$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Swagelok ventable plug added

Firmware upgraded to v 55

Peek mixing tube added/replaced