



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

SAMI² pH Validation Certificate

April 6, 2016

Serial Number: P0164
OOI Number: ATAPL58337-00010
Technician: B. Wasser
Reagent: PmCP0002

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: 021016

$\Delta T = 0.13^{\circ}\text{C}$

Tris Bottle: 4

N = 10

Validation Temp: 25.11 °C

$\Delta \text{pH} = -0.0007 \pm 0.0007$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Ventable Swagelok plug

Enhanced PEEK mixing tube