



Sunburst Sensors, LLC
1226 W Broadway Ave
Missoula, MT 59802
+1 406 532 3246

SAMI² pH Validation Certificate

November 12, 2021

Serial Number: P0113
RMA Number: 091340
Technician: B. Montgomery
Reagent: PmCP_0864

Table 1: SAMI² pH E-values.

Ea ₄₃₄	Eb ₄₃₄	Ea ₅₇₈	Eb ₅₇₈
17372.0	2284.0	94.1	38676.0

Validation Notes

Tris Batch: 092921

$\Delta T = 0.00^{\circ}\text{C}$

Tris Bottle: 5

$N = 9$

Validation Temp: 24.78[°]C

$\Delta \text{pH} = -0.0006 \pm 0.0010$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

- Standard refurbishment

- Insulation resistance testing

- Board replaced (used)

- Battery chassis replaced

- Backup batteries and harness replaced

- Fibers replaced

- 434, 578 and ND filters replaced