



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

SAMI² pH Validation Certificate

September 9, 2020

Serial Number: P0059
RMA Number: 082127
Technician: BW
Reagent: pmcp0712

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: 061720

$\Delta T = 0.03^{\circ}\text{C}$

Tris Bottle: 9

$N = 9$

Validation Temp: 25.04 °C

$\Delta \text{pH} = -0.0025 \pm 0.0007$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard Refurbishment

Optical fibers, filters and LEDs replaced.