



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

SAMI² pH Validation Certificate

October 25, 2024

Serial Number: P0111
RMA Number: 784
Technician: BW
Reagent: 1397

Table 1: SAMI² pH E-values.

Ea ₄₃₄	Eb ₄₃₄	Ea ₅₇₈	Eb ₅₇₈
19168.0	2546.0	111.0	41962.0

Validation Notes

Tris Batch: 071524

$\Delta T = 0.10^{\circ}\text{C}$

Tris Bottle: 9

$N = 9$

Validation Temp: 25.00 °C

$\Delta \text{pH} = -0.0038 \pm 0.0007$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard Refurb

IR testing

2x semrock filter upgrade

15% reagent remaining at rcpt