



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

SAMI² pH Validation Certificate

November 1, 2021

Serial Number: P0117
RMA Number: 091340
Technician: BW
Reagent: pmcp0862

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

$\Delta T = 0.16^{\circ}\text{C}$

Tris Bottle: 6

$N = 9$

Validation Temp: 24.98 °C

$\Delta \text{pH} = 0.0039 \pm 0.0010$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard Refurbishment

OOI IR testing

Replaced diaphragm

new backup batteries