



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

SAMI² pH Validation Certificate

May 26, 2023

Serial Number: P0113
RMA Number: 082305
Technician: BW
Reagent: pmcp1095

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: 041123

$\Delta T = 0.15^{\circ}\text{C}$

Tris Bottle: 8

$N = 9$

Validation Temp: 25.08 °C

$\Delta \text{pH} = 0.0018 \pm 0.0012$

Build Notes

Pressure Test: 200 psi – Passed

Modifications:

standard refurbishment

IR testing

90 pct reagent