



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

## SAMI<sup>2</sup> pH Validation Certificate

November 12, 2021

Serial Number: P0110  
RMA Number: 100717  
Technician: B. Montgomery  
Reagent: PmCP\_0863

Table 1: SAMI<sup>2</sup> pH E-values.

Ea <sub>434</sub>	Eb <sub>434</sub>	Ea <sub>578</sub>	Eb <sub>578</sub>
17372.0	2284.0	94.1	38676.0

## Validation Notes

Tris Batch: 092921

$\Delta T = -0.02^{\circ}\text{C}$

Tris Bottle: 5

$N = 9$

Validation Temp: 24.79 °C

$\Delta \text{pH} = -0.0007 \pm 0.0006$

## Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard refurbishment

Flowcell repalced: Switched to narrower diameter pathway for improved signals.

Diaphragm replaced

434 and 578 filters replaced