



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

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

July 12, 2023

Serial Number: P0153  
RMA Number: 082309  
Technician: BP  
Reagent: PmCP1124

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: 061423

$\Delta T = 0.08^{\circ}\text{C}$

Tris Bottle:

$N = 9$

Validation Temp: 25.23 °C

$\Delta \text{pH} = -0.0046 \pm 0.0011$

## Build Notes

Pressure Test: 200 psi – Passed

Modifications:

Standard Refurb

new polyzen, replaced filters (semrock and hotmirror)