



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

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

April 2, 2024

Serial Number: P0116  
RMA Number: 281  
Technician: BW  
Reagent: pmcp1278

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	38676.5

## Validation Notes

Tris Batch: 013214

$\Delta T = 0.17^{\circ}\text{C}$

Tris Bottle: 9

$N = 9$

Validation Temp: 24.98 °C

$\Delta \text{pH} = -0.0015 \pm 0.0005$

## Build Notes

Pressure Test: 200 psi – Passed

Modifications:

standard refurbishment

IR testing

pump replaced

2x semrock filter upgrade

bulkhead replaced with cust prov. part 1/2 labor