



# Houston Forensic Science Center

Forensic Analysis Division - Toxicology

## pH Meter Performance Check

Manufacturer: Thermo Scientific

Model: STARA2140

Serial Number: X29761

### Weekly Maintenance:

Refill electrode and verify expiration date

Rinse electrode

Verify electrode storage solution and expiration date

Verify pH buffer solution expiration dates

Date: 08/29/2022

Signature: [Handwritten Signature]

Comments: \_\_\_\_\_

Date	Signature	pH 4.00*	pH 7.01*	pH 10.06*	Slope (%) (90-110%)	Pass/Fail
		Temperature (°C)	Temperature (°C)	Temperature (°C)		

*BAM 9/6/2022*

\*Target pH at 20°C. The acceptable pH at the reported temperature is target pH ± 0.022 (3.978-4.022 for pH 4; 6.988-7.032 for pH 7; 10.038-10.082 for pH 10 at 20°C). Refer to pH buffer solution bottle label for target pH at various temperatures.

Form Complete Date/Signature: Brooke Mendenhall 9/6/2022