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	☑	Date:	04/19/2021
Verify electrode storage solution and expiration date	☑		
Verify pH buffer solution expiration dates	☑	Signature:	EP

Comments: _____

_____

Date	Signature	pH 4.01* / Temperature (°C)	pH 7.00* / Temperature (°C)	pH 10.01* / Temperature (°C)	Slope (%) (90-110%)	Pass/Fail
4/21/21	SD	4.00 / 17.9	7.02 / 17.8	10.09 / 17.9 +1 4/21/21 SD	97.5%	Pass

EP 04/26/2021

***Target pH at 25°C. The acceptable pH at the reported temperature is target pH ± 0.022. Refer to pH buffer solution bottle label for target pH at various temperatures.**

Form Complete Date/Signature: EP 04/26/2021