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: 01/25/2021
Verify electrode storage solution and expiration date	☑	
Verify pH buffer solution expiration dates	☑	Signature:

Comments: _____

_____

Date	Signature	pH 4.01* / Temperature (°C)	pH 7.00* / Temperature (°C)	pH 10.01* / Temperature (°C)	Slope (%) (90-110%)	Pass/Fail
1/29/2021	SD	4.00 / 17.7	7.02 / 17.6	10.09 / 17.6	98%	Pass
					EP 02/01/2021	

***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: 02/01/2021