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: 11/08/2022
- Verify electrode storage solution and expiration date ☑
- Verify pH buffer solution expiration dates ☑ Signature:

Comments:

Date	Signature	pH 4.00* / Temperature (°C)	pH 7.01* / Temperature (°C)	pH 10.06* / Temperature (°C)	Slope (%) (90-110%)	Pass/Fail
11/8/22	Cassandra Dunell	4.01 / 20.9	7.01 / 20.8	10.06 / 20.8	93.4%	Pass
					EP 11/14/2022	

*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: 11/14/2022