



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: 12/12/2022

Verify electrode storage solution and expiration date



Verify pH buffer solution expiration dates



Signature: [Signature]

Comments: _____

Date	Signature	pH 4.00*	pH 7.01*	pH 10.06*	Slope (%) (90-110%)	Pass/Fail
		Temperature (°C)	Temperature (°C)	Temperature (°C)		
12/15/2022	[Signature]	4.02 20.9 20.8 JE 12/15/22	7.01 21.0	10.05 20.9	93%	Pass

EP 12/19/2022

*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: _____

[Signature] 12/19/2022

LAB-048

Issued By: Manager - Toxicology

Issue Date: 2022-08-04