



Houston Forensic Science Center

Forensic Analysis Division - Toxicology

pH Meter Performance Check

Manufacturer: Mettler-Toledo

Model: SevenDirect™ SD50

Serial Number: C202370166

Weekly Maintenance:

Rinse electrode



Verify electrode storage solution and expiration date



Verify pH buffer solution expiration dates



Date: 10/21/2024

Initials: gv

Comments: _____

| Date | Initials | pH 4.0 | pH 7.0 | pH 10.0 | Slope (%) (95-105%) | Calibration ✓/X | Verification ✓/X |
|------------------|----------|---------------------|---------------------|---------------------|------------------------|--------------------|---------------------|
| | | Temperature (°C) | Temperature (°C) | Temperature (°C) | | | |
| 10/22/2024 | gv | 4.00 19.6°C | 7.02 19.9°C | 10.06 19.7°C | 99.4% | ✓ | ✓ |
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Form Complete Signature/Date:  10/28/2024