# Certificate of Analysis

Biorelevant

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|---|---|
| **Product:** | FeSSIF-V2 Buffer Concentrate |
| **Product description:** | Clear colorless liquid |
| **Batch number:** | V2FESBUF-1026-A |
| **Test report code:** | 47685 |
| **Storage:** | Stored at room temperature |
| **Manufacturing date:** | October 2026 |
| **Expiry date:** | April 2028 |

Diluted according to Online Prep Tool

| Test | Method | Target | | Result | Unit |
|---|---|---|---|---|---|
| | | Min | Max | | |
| Appearance | Visual inspection | Clear colorless liquid | | Passes test | - |
| Sodium | ICP-MS | 190 | 250 | 219 | mmol/L |
| Chloride | HPLC | 90 | 150 | 122 | mmol/L |
| Citric acid | HPLC | 25 | 45 | 36 | mmol/L |
| Osmolarity | Calculated | 340 | 440 | 377 | mOsm/L |
| pH (@ 25°C) | USP <791> | 5.75 | 5.85 | 5.80 | pH (@ 25°C) |

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|---|---|
| **Evaluation:** | Complies with specifications |
| **Release date:** | 9 October 2026 |

**Quality Control Manager**

(Vasco Santos)

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