

# Certificate of Analysis



**Product:** FeSSIF Buffer Concentrate  
**Product description:** Clear colorless liquid  
**Batch number:** FESBUF-0326-A  
**Test report code:** 46793  
**Storage:** Stored at room temperature  
**Manufacturing date:** March 2026  
**Expiry date:** September 2027

Diluted according to Online Prep Tool

Test	Method	Target		Result	Unit
		Min	Max		
Appearance	Visual inspection	Clear colorless liquid		Passes test	-
Sodium	ICP-MS	290	350	319	mmol/L
Chloride	HPLC	180	230	205	mmol/L
Acetic acid	HPLC	120	160	141	mmol/L
Osmolarity	Calculated	600	720	666	mOsm/L
pH (@ 25°C)	USP <791>	4.95	5.05	5.00	pH (@ 25°C)

**Evaluation:** Complies with specifications

**Release date:** 27 March 2026

**Quality Control Manager**

(Vasco Santos)

**Quality Assurance Manager**

(Dr. Mathew Leigh)