

# Certificate of Analysis



**Product name:** FeSSIF buffer concentrate  
**Product description:** Clear colorless liquid  
**Batch number:** FESBUF-1020-A  
**Test report code:** 37558  
**Long-term storage:** Stored at room temperature  
**Manufacturing date:** October 2020  
**Expiry date:** October 2021  
**Expiry date once opened:** Use within 3 months

At 14.3x dilution in purified water.

Test	Method	Target		Result	Unit
		Min	Max		
Appearance	Visual inspection	Clear colorless liquid		Passes test	-
Sodium	ICP-MS	290	350	327	mmol/L
Chloride	HPLC	180	230	197	mmol/L
Acetic acid	HPLC	120	160	141	mmol/L
Osmolarity	Calculated	600	720	667	mOsm/L
pH (@ 25°C)	USP <791>	4.95	5.05	5.02	pH (@ 25°C)

**Evaluation:** Complies with specifications

**Release date:** 29 October 2020

(Vasco Santos)

(Dr. Mathew Leigh)