

# Certificate of Analysis



**Product:** FeSSIF-V2 Buffer Concentrate  
**Product description:** Clear colorless liquid  
**Batch number:** V2FESBUF-1024-A  
**Test report code:** 44708  
**Storage:** Stored at room temperature  
**Manufacturing date:** October 2024  
**Expiry date:** April 2026

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	243	mmol/L
Chloride	HPLC	90	150	119	mmol/L
Citric acid	HPLC	25	45	37	mmol/L
Osmolarity	Calculated	340	440	400	mOsm/L
pH (@ 25°C)	USP <791>	5.75	5.85	5.82	pH (@ 25°C)

**Evaluation:** Complies with specifications

**Release date:** 8 November 2024

**Quality Control Manager**

(Vasco Santos)

**Quality Assurance Manager**

(Dr. Mathew Leigh)