

# Certificate of Analysis



**Product name:** FaSSIF buffer concentrate  
**Product description:** Clear colorless liquid  
**Batch number:** FASBUF-1120-A  
**Test report code:** 37685  
**Long-term storage:** Stored at room temperature  
**Manufacturing date:** November 2020  
**Expiry date:** November 2021  
**Expiry date once opened:** Use within 3 months

At 28.6x dilution in purified water.

Test	Method	Target		Result	Unit
		Min	Max		
Appearance	Visual inspection	Clear colorless liquid		Passes test	-
Sodium	ICP-MS	130	160	156	mmol/L
Chloride	HPLC	95	120	100	mmol/L
Phosphate	ICP-MS	27	33	29	mmol/L
Osmolarity	Calculated	250	315	286	mOsm/L
pH (@ 25°C)	USP <791>	6.45	6.55	6.55	pH (@ 25°C)

**Evaluation:** Complies with specifications

**Release date:** 3 December 2020

(Vasco Santos)

(Dr. Mathew Leigh)