

Certificate of Analysis



Product name: FaSSIF buffer concentrate
Product description: Clear colorless liquid
Batch number: FASBUF-0220-A
Test report code: 36729
Long-term storage: Stored at room temperature
Manufacturing date: February 2020
Expiry date: February 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 ions (Na ⁺)	ICP-MS	130	160	148	mmol/L
Chloride ions (Cl ⁻)	HPLC	95	120	99	mmol/L
Phosphate ions (PO ₄ ³⁺)	ICP-MS	27	33	30	mmol/L
Osmolarity	Calculated	250	315	278	mOsm/L
pH (@ 25°C)	USP <791>	6.45	6.55	6.52	pH (@ 25°C)

Evaluation: Complies with specifications

Release date: 19 February 2020

(Vasco Santos)

(Dr. Mathew Leigh)