

Certificate of Analysis

Product name:	FaSSIF Buffer Concentrate
Product description:	Clear colorless liquid
Batch number:	FASBUF-1018-A
Test report code:	14046/14942
Long-term storage:	Stored at room temperature
Manufacturing date:	October 2018
Expiry date unopened:	October 2019
Expiry date once opened:	Use within 3 months

At 28.6x dilution in purified water

Test	Test method	Target	Result	Unit
Appearance	Visual inspection	Clear colorless liquid	Passes test	-
Sodium ions (Na ⁺)	ICP-MS	130 – 160	154	mmol/L
Chloride ions (Cl ⁻)	IC	95 – 120	119	mmol/L
Phosphate ions (PO ₄ ³⁺)	ICP-MS	27 – 33	30	mmol/L
Osmolarity	Calculated	250 – 315	303	mOsm/L
pH (@ 25°C)	pH meter	6.45 - 6.55	6.50	-

Evaluation: Complies with specifications

Release date: 29 November 2018

Quality Control Manager



(Vasco Santos)

Quality Assurance Manager



(Dr. Mathew Leigh)