

Certificate of Analysis

Product name: FaSSIF buffer concentrate
Product description: Clear colorless liquid
Batch number: FASBUF-0219-A
Test report code: 5096/163939V2
Long-term storage: Stored at room temperature
Manufacturing date: February 2019
Expiry date unopened: February 2020
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	146	mmol/L
Chloride ions (Cl ⁻)	Titration	95 – 120	104	mmol/L
Phosphate ions (PO ₄ ³⁺)	ICP-MS	27 – 33	27	mmol/L
Osmolarity	Calculated	250 – 315	278	mOsm/L
pH (@ 25°C)	pH meter	6.45 - 6.55	6.50	-

Evaluation: Complies with specifications

Release date: 01 April 2019

Quality Control Manager



(Vasco Santos)

Quality Assurance Manager



(Dr. Mathew Leigh)