Certificate of Analysis

Product name:	FeSSIF buffer concentrate
Product description:	Clear colorless liquid
Batch number:	FESBUF-1118-A
Test report code:	5096/161251
Long-term storage:	Stored at room temperature
Manufacturing date:	November 2018
Expiry date unopened:	November 2019
Expiry date once opened:	Use within 3 months

At 14.3% dilution in purified water

Test	Test method	Target	Result	Unit
Appearance	Visual inspection	Clear colorless liquid	Passes test	-
Sodium ions (Na^+)	ICP-MS	290 – 350	313	mmol/L
Chloride ions (Cl^-)	IC	180 – 230	216	mmol/L
Acetate	HPLC	120 – 160	137	mmol/L
Osmolarity	Calculated	600 – 720	666	mOsm/L
pH (@ 25°C)	pH meter	4.95 – 5.05	5.01	-

Evaluation:	Complies with specifications
Release date:	04 January 2019

Quality Control Manager

(Vasco Santos)

Quality Assurance Manager

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