

Certificate of Analysis



Product name: FeSSIF buffer concentrate
Product description: Clear colorless liquid
Batch number: FESBUF-0221-A
Test report code: 38071
Long-term storage: Stored at room temperature
Manufacturing date: February 2021
Expiry date: February 2022
Expiry date once opened: Use within 3 months

At 14.3x dilution in purified water.

Test	Method	Target		Result	Unit
		Min	Max		
Appearance	Visual inspection	Clear colorless liquid		Passes test	-
Sodium	ICP-MS	290	350	301	mmol/L
Chloride	HPLC	180	230	210	mmol/L
Acetic acid	HPLC	120	160	145	mmol/L
Osmolarity	Calculated	600	720	657	mOsm/L
pH (@ 25°C)	USP <791>	4.95	5.05	5.01	pH (@ 25°C)

Evaluation: Complies with specifications

Release date: 25 February 2021

(Vasco Santos)

(Dr. Mathew Leigh)