

Certificate of Analysis



Product: 3F Powder™ Mini Prep
Product description: Freeze dried cake
Batch number: MPFFF-1125-B
Test report code: BRV232576-2
Storage: 15 – 25 °C, protected from light and humidity
Manufacturing date: November 2025
Expiry date: May 2027

Test	Method	Target		Result	Unit
		Min	Max		
Diluted according to FaSSGF Mini Prep Instructions					
Sodium taurocholate	NMR	0.070	0.090	0.081	mmol/L
Phospholipids	NMR	0.015	0.025	0.020	mmol/L
Diluted according to FaSSIF Mini Prep Instructions					
Sodium taurocholate	NMR	2.80	3.20	3.02	mmol/L
Phospholipids	NMR	0.60	0.90	0.75	mmol/L
Diluted according to FeSSIF Mini Prep Instructions					
Sodium taurocholate	NMR	14.0	16.0	15.1	mmol/L
Phospholipids	NMR	3.00	4.50	3.74	mmol/L

Evaluation: Complies with specification
Release date: 24 November 2025

Quality Control Manager

(Vasco Santos)

Quality Assurance Manager

(Dr. Mathew Leigh)

Certificate of Analysis



Product: FaSSIF Buffer Concentrate
Product description: Clear colorless liquid
Batch number: FASBUF-0126-A
Test report code: 46515
Storage: Stored at room temperature
Manufacturing date: January 2026
Expiry date: July 2027

Diluted according to Online Prep Tool

Test	Method	Target		Result	Unit
		Min	Max		
Appearance	Visual inspection	Clear colorless liquid		Passes test	-
Sodium	ICP-MS	130	160	143	mmol/L
Chloride	HPLC	95	120	108	mmol/L
Phosphate	ICP-MS	27	33	30	mmol/L
Osmolarity	Calculated	250	315	281	mOsm/L
pH (@ 25°C)	USP <791>	6.45	6.55	6.48	pH (@ 25°C)

Evaluation: Complies with specifications

Release date: 23 January 2026

Quality Control Manager

(Vasco Santos)

Quality Assurance Manager

(Dr. Mathew Leigh)