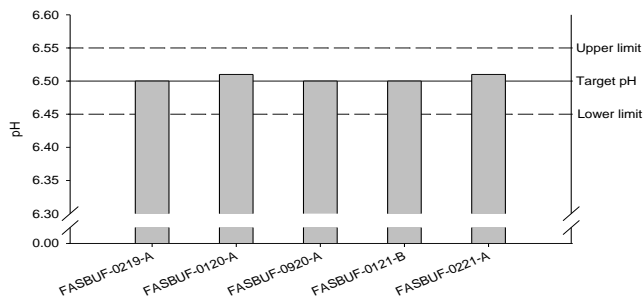


## Technical Data Sheet for FaSSIF/FeSSIF/FaSSGF

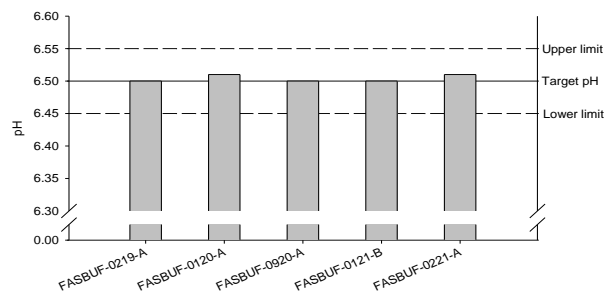
FaSSIF/FeSSIF/FaSSGF biorelevant dissolution media are prepared using 3F Powder™ and diluted FaSSIF/FeSSIF/FaSSGF Buffer Concentrates. [Click here for online Media Prep Tool](#)

Parameter	FaSSIF	FeSSIF	FaSSGF
Prandial state simulated	Fasted	Fed	Fasted
Fluid simulated	Small intestine	Small intestine	Stomach
Appearance	Opalescent liquid	Clear light-yellow liquid	Clear colourless liquid
pH (at 37°C)	6.50±0.05	5.00±0.05	1.60±0.05
Osmolarity (mOsm/kg)	270	670	120
Buffer capacity (mM/L/pH)	10	75	Unbuffered

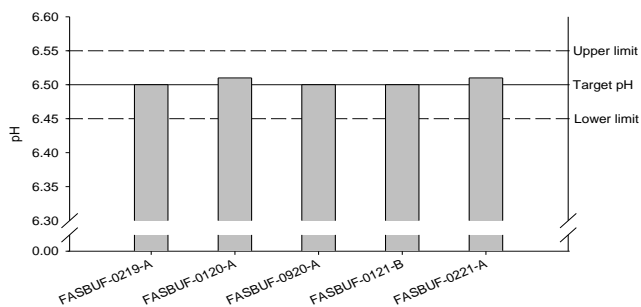
### Batch to batch pH reproducibility of FaSSIF









### Batch to batch pH reproducibility of FeSSIF





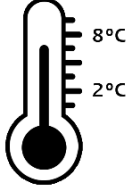
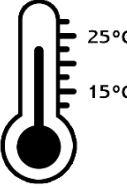
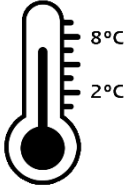
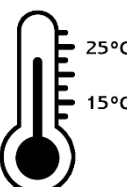
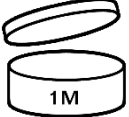


### Batch to batch pH reproducibility of FaSSGF



## Technical Information

<b>Product</b>				
<b>Description</b>	Powder for mixed micelles of FaSSIF, FeSSIF and FaSSGF biorelevant media	Liquid concentrate for preparation of 6L FaSSIF buffer solution	Liquid concentrate for preparation of 3L FeSSIF buffer solution	Liquid concentrate for preparation of 6L FaSSGF buffer solution
<b>Density</b>	NA	1.189	1.163	1.087
<b>Code</b>	FFF02	FASBUF	FESBUF	FASGBUF
<b>Ingredients</b>	Sodium taurocholate, soy lecithin	Purified water, sodium phosphate, sodium chloride, sodium hydroxide	Purified water, sodium chloride, acetic acid, sodium hydroxide	Purified water, sodium chloride, hydrochloric acid
<b>Quantity</b>	70g e of Powder for 30L FaSSIF, 6L FeSSIF or 1140L FaSSGF	250g e of Liquid Buffer Concentrate for 6L FaSSIF	250g e of Liquid Buffer Concentrate for 3L FeSSIF	250g e of Liquid Buffer Concentrate for 6L FaSSGF
<b>Packaging</b>	HDPE bottle with seal 			
<b>Country of origin</b>				
<b>HS Code</b>	3822 190000 (Synthetic laboratory reagent)			
<b>Customs Note</b>	Contains only chemically synthesized ingredients and does not contain animal, food or drug products			

<p><b>Product</b></p>				
<p><b>Storage (unopened)</b></p>				
<p><b>Expiry (unopened)</b></p>	<p>18 months</p>			
<p><b>Storage (after opening)</b></p>				
<p><b>Best before (after opening)</b></p>				

**Media best before date (after preparation)**



48 hours

Dissolution Guides



Calculators



Media Prep Tool



Document Finder



For technical help, contact [support@biorelevant.com](mailto:support@biorelevant.com)