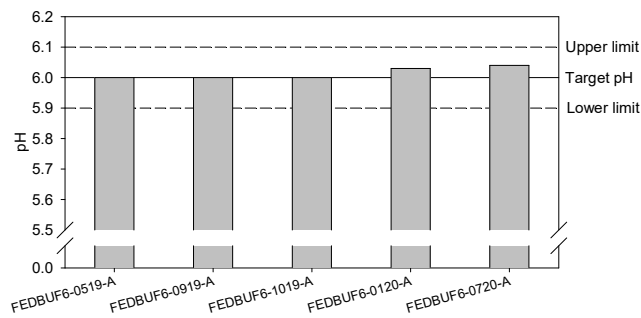


Technical Data Sheet for FEDGAS® Discriminatory Dissolution Media

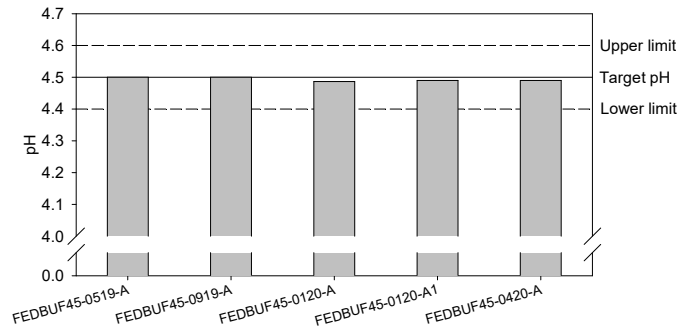
FEDGAS pH 6, pH 4.5 and pH 3 dissolution media are prepared by adding the FEDGAS Gel to the appropriate diluted FEDGAS Buffer Concentrate.

Parameter	FEDGAS pH 6	FEDGAS pH 4.5	FEDGAS pH 3
Prandial state simulated	Fed	Fed	Fed
Fluid simulated	Stomach early stage	Stomach mid stage	Stomach late stage
Appearance	Milky white colour	Milky white colour	Milky white colour
pH (at 37°C)	6.0	4.5	3.0
Osmolarity (mOsm/kg)	520	460	450
Buffer capacity (mM/L/pH)	26	24	22

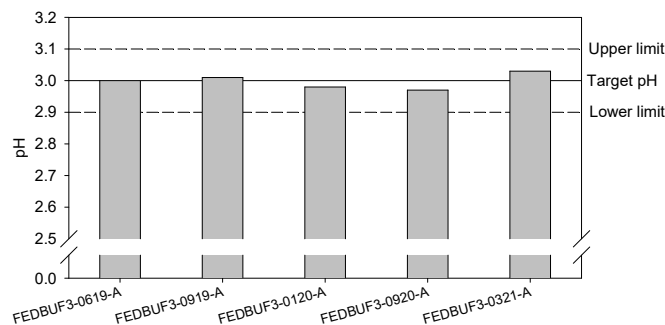
Batch to batch pH reproducibility of FEDGAS pH 6










Batch to batch pH reproducibility of FEDGAS pH 4.5


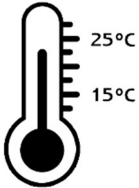
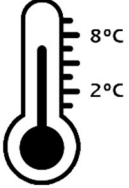
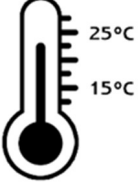



Batch to batch pH reproducibility of FEDGAS pH 3



Technical Information

Product				
Description	Gel containing colloids in 6L FEDGAS dissolution medium	Liquid concentrate for preparation of 6L FEDGAS pH 6 buffer solution	Liquid concentrate for preparation of 6L FEDGAS pH 4.5 buffer solution	Liquid concentrate for preparation of 6L FEDGAS pH 3 buffer solution
Code	FDG-Gel	FDG-BUF6	FDG-BUF4.5	FDG-BUF3
Ingredients	Dietary fat, carbohydrates, bile salts, dietary fibre	Purified water, citric acid, sodium citrate	Purified water, citric acid, sodium citrate	Purified water, citric acid, sodium citrate, sodium chloride
Quantity	1kg e of Gel	250g e in each Liquid Buffer Concentrate		
Packaging	UN Approved Aluminium bottle 	HDPE bottle with seal 		
Country of origin				
HS code	3822.0000 (Synthetic laboratory reagent)			
Customs note	Contains only chemically synthesized ingredients and do not contain animal, food or drug products			

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

Media best before date (after preparation)



If media are not used immediately then refrigerate

For Experiment Guides, Media Prep Tool and Document Finder visit biorelevant.com

For technical help, contact our friendly Help Desk at support@biorelevant.com

