PICKERING LABORATORIES

Simulated Gastric and Intestinal Fluid

PICKERING LABORATORIES TEST SOLUTIONS

The devil is in the details. That's why we put the required effort into creating a family of testing solutions that mimic true-to-life substances, from sweat and earwax to ocean water.

So whether you're testing the effects of perspiration on first responder's gear, effects of saliva on dental equipment, or blood penetration on PPE, the results will be repeatable and reliable. After all, the safety of your products are critical to the safety of those who use them.

A PIONEER IN REAGENTS & INSTRUMENTATION SINCE 1982

With our rigorous Quality Control process, perfected over decades, Pickering Labs guarantees the chemistry and integrity of each product. We are the global leader in formulating a wide array of specialty solutions, often custom, proprietary or purpose-built for our clients.

GUARANTEED CHEMISTRY

Imitation of gastrointestinal conditions is necessary for dissolution and pharmacokinetic studies of drug formulations. Dissolution is a routine part of Quality Control testing for most medications and dissolution methods, including required medium, are specified by Pharmacopeia monographs. The use of appropriate dissolution media during drug development stage also helps answer questions on bioavailability of the pharmaceuticals. Simulated gastric and intestinal fluids are also used to study the safety profile of products that carry risks of unintended use like accidental ingestion.

Simulated Intestinal Fluid and Simulated Gastric Fluid test solutions are prepared according to USP specifications. We offer these products with and without enzymes to accommodate different USP testing requirements. Our 2-part formulations come with dry pre-weighted enzyme powder to be mixed in before use. This allows for longer shelf life of the product and predictable activity of the enzyme in solution.

Stabilized Simulated Intestinal Fluid contains preservative to prevent bacterial growth and can be stored at room temperature.

Simulated Gastric and Intestinal Fluid

Catalog No.	Description	Qty
1700-0900	USP Simulated Gastric Fluid without enzyme	950 mL
1700-0902	USP Simulated Gastric Fluid with enzyme, 2-part	950 mL
1700-0903	USP Simulated Intestinal Fluid with enzyme, 2-part	950 mL
1700-0904	USP Simulated Intestinal Fluid without enzyme	950 mL
1700-0905	USP Simulated Intestinal Fluid without enzyme, stabilized	950 mL