

# BIOCOMPATIBILITY TESTS FOR CLASSIFICATIONS OF PLASTICS (USP)

## PLASTICS CLASSES

### Acute Systemic Toxicity [Mice]

Extract of sample in:	I	II	III	IV	V	VI
Sodium chloride injection	•	•	•	•	•	•
1 in 20 solution of alcohol in sodium chloride injection		•	•	•	•	•
Polyethylene glycol 400			•		•	•
Vegetable oil (cottonseed oil)			•	•	•	•

### Intracutaneous Irritation Test [Rabbit]

Extract of sample in:	I	II	III	IV	V	VI
Sodium chloride injection	•	•	•	•	•	•
1 in 20 solution of alcohol in sodium chloride injection		•	•	•	•	•
Polyethylene glycol 400					•	•
Vegetable oil (cottonseed oil)				•	•	•

### Intramuscular Implantation Test [Rabbit]

Length of test:	I	II	III	IV	V	VI
5-day				•		•
7-day						•

NOTE: These tests are for material qualification, not for regulatory submission.