

PEOPLE > SCIENCE > SOLUTIONS

Test Facility
6750 Wales Road
Northwood, OH 43619
419.666.9455

TEST ARTICLE NAME
Polypropylene pellets, Yungsox 5050M

SPONSOR
Yao-Tsung Hsieh
Formosa Plastics Corporation
No. 1 Hsin-Hwa 1st Road Lin-Yuan District
Kaohsiung City,
Taiwan

TEST ARTICLE IDENTIFICATION
not supplied

TEST ARTICLE PHYSICAL DESCRIPTION
Polypropylene

TEST ARTICLE RECEIVED
June 1, 2012

USP Biological Reactivity Tests, *In Vivo*
USP Plastic Class VI

USP Systemic Toxicity Study in the Mouse

The test article was prepared as indicated below and injected into mice. The saline, alcohol in saline, polyethylene glycol 400 and sesame oil extracts did not produce a significantly greater systemic reaction than the blank extractants.

USP Intracutaneous Toxicity Study in the Rabbit

The test article was prepared as indicated below and injected intracutaneously into rabbits. The saline, alcohol in saline, polyethylene glycol 400 and sesame oil extracts did not produce a significantly greater tissue reaction than the blank extractants.

USP Muscle Implantation Study in the Rabbit

The macroscopic reaction of the test article, implanted in rabbit muscle for 1 week, was not significant when compared to the USP negative control plastic.

The test article was prepared at a ratio of 4 g:20 mL and extracted at 121°C for 1 hour. The test article extracts met the requirements of a USP Plastic Class VI.

APPROVAL Arizona E. Carter Date 08-03-12
Arizona E. Carter, B.S.
Technical Reviewer