

PEOPLE > SCIENCE > SOLUTIONS

Test Facility
6750 Wales Road
Northwood, OH 43619
419.666.9455

TEST ARTICLE NAME
Polypropylene pellets, Yungsox 5050S

TEST ARTICLE IDENTIFICATION
Not Provided

TEST ARTICLE PHYSICAL DESCRIPTION
Polypropylene

TEST ARTICLE RECEIVED
September 16, 2013

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

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 70°C for 24 hours. The test article extracts met the requirements of a USP Plastic Class VI.

APPROVAL 
Arizona E. Carter, BS, ALAT
Technical Reviewer
10-14-13
Date