

PEOPLE > SCIENCE > SOLUTIONS

Test Facility
6750 Wales Road
Northwood, OH 43619
419.666.9455

TEST ARTICLE NAME

P4C5Z-027

TEST ARTICLE IDENTIFICATION

1105069

TEST ARTICLE PHYSICAL DESCRIPTION

PP pellets

TEST ARTICLE RECEIVED

June 23, 2011

SPONSOR

Blair Colby
Flint Hills Resources, LP
118 Huntsman Way
Longview, TX 75602

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

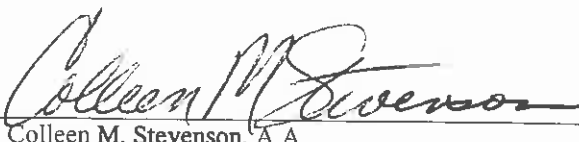
The test article was prepared as indicated below and injected intracutaneously into rabbits. The saline, alcohol in saline, polyethylene glycol 400 and sesame oil extracts did not produce a significantly greater tissue reaction than the blank extractants.

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



Colleen M. Stevenson, A.A.
Supervisor, Toxicology

7-28-11
Date