

PEOPLE > SCIENCE > SOLUTIONS

Test Facility  
6750 Wales Road  
Northwood, OH 43619  
419.666.9455

**TEST ARTICLE NAME**

Norland Optical Adhesive 61 (NOA 61)

**TEST ARTICLE PHYSICAL DESCRIPTION**

Imm x 10mm film

**TEST ARTICLE RECEIVED**

September 25, 2014

**SPONSOR**

TIM NORLAND  
NORLAND PRODUCTS INC.  
2540 Route 130, Bldg 100  
Cranbury, NJ 08512

**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 60 cm<sup>2</sup>:20 mL and extracted at 121°C for 1 hour. The test article extracts met the requirements of a USP Plastic Class VI.

APPROVAL Michelle E. Zelawski 10-17-14  
Arizona E. Carter, BS, ALAT Date  
Technical Reviewer