NAMSA

CONFIDENTIAL

CERTIFICATE OF COMPLIANCE

PEOPLE > SCIENCE > SOLUTIONS

Test Facility
6750 Wales Road
Northwood, OH 43619
419.666.9455

TEST ARTICLE NAME
Norland Optical Adhesive 68 (NOA 68)

TEST ARTICLE PHYSICAL DESCRIPTION
1mm 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^2:20 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. Holaway for 10-17-14

Arizona E. Carter, BS, ALAT
Technical Reviewer

Date

0500