



CONFIDENTIAL

CERTIFICATE OF COMPLIANCE

PEOPLE > SCIENCE > SOLUTIONS

Test Facility
6750 Wales Road
Northwood, OH 43619
419.666.9455

TEST ARTICLE NAME

Biomed Black 3D printer resin

TEST ARTICLE IDENTIFICATION

BM01211019

TEST ARTICLE PHYSICAL DESCRIPTION

3D printed coupons

TEST ARTICLE RECEIVED

November 16, 2021

SPONSOR

Nate Alt
Formlabs Ohio
27800 Lemoyne Road, Suite J
Millbury, Ohio 43447

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 cm²:20 mL and extracted at 50°C for 72 hours. The test article extracts met the requirements of a USP Plastic Class VI.

APPROVAL Pazely A. West
Pazely A. West, BS
Associate Study Director

1-28-22
Date