

TEST RESULT CERTIFICATE

Sponsor	Printex Technologies	Technical Initiation	7/24/2003
Address	12113 Kirkham Road Poway, California 92064	Technical Completion	7/31/2003
Contact	Robert Bowden	Report Date	8/12/2003
P.O. Number	20534	Project Number	03-3501-N1

Test Article	2000 Series Ink	Ratio	60 cm ² per 20 mL
Lot #/Part #	2002 BLACK (2002 EO)	Vehicles	0.9% USP Sodium Chloride for Injection (NaCl), Cottonseed Oil (CSO), 1:12 Alcohol in NaCl (EtOH), Polyethylene Glycol 400 (PEG)
Study	Biological Test for Plastics Class VI (4 Extracts)	Extraction Conditions	70°C for 24 hours
Comments	Sample was cured on 3x7.5 cm glass slides prior to extraction.		

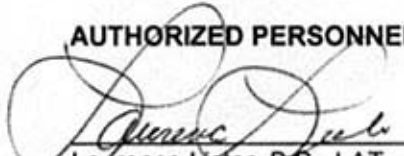
REFERENCE: USP 26, NF 21, 2003, <88> Biological Reactivity tests, *In Vivo*.

GENERAL PROCEDURE: The extraction conditions were performed as stated above. The test article extracts and corresponding blanks were injected systemically and intracutaneously in mice and rabbits, respectively. The injections were in the amounts and routes set forth by USP 26; including the further dilution of the extracts prepared with PEG. The animals were observed for signs of toxicity and skin reactivity for up to 72 hours post treatment. In addition, the test article was implanted into the paravertebral muscles of rabbits for 7 days and observed for signs of hemorrhage, inflammation, necrosis, discoloration, encapsulation, and infection.

RESULTS: None of the mice injected with the test article extracts exhibited any signs of toxicity in the Systemic Injection Test. In addition, none of the rabbits injected intracutaneously with the test article extracts exhibited any signs of erythema, edema or clinical toxicity. In both the Systemic and Intracutaneous Tests the controls were normal through 72 hours. Also, the implant sites exhibited no significant signs of hemorrhage, inflammation, necrosis, discoloration, encapsulation, or infection compared with the control sites.

CONCLUSION: The test article meets the requirements of USP 26, NF 21, 2003 for the Biological Test for Plastics, Class VI-70°C.

AUTHORIZED PERSONNEL:


Lawrence Lister, B.S., LAT
Study Director


Amy Schade, B.A., LAT
Quality Assurance