

# CERTIFICATE

## OF BIOCOMPATIBILITY

**Material tested:** Tritan Casting Metal  
Titanium Grade 1 according to DIN 17850/ISO 5832-2/ASTM F 67

**Manufacturer:** DENTAURUM J.P. Winkelstroeter KG  
Turnstraße 31 D-75228 Ispringen

**Test:**

The following test was carried out in accordance with ISO 10993-5, 1992: „Test on cytotoxicity; *in vitro* methods“. The test samples were manufactured by DENTAURUM.

### CYTOTOXICITY

The cytotoxic effect of the test material was examined *in vitro* by the cell culture test using L 929-cells (fibroblast cell line): Examination of materials for medical devices with the extraction method and protein determination.

**Result:** Tritan Casting Metal showed no cytotoxic effects.

**BIOSERVICE Scientific Laboratories GmbH Munich**

Behringstraße 6

D-82152 Planegg



A handwritten signature in blue ink, appearing to read "Albrecht Poth". The signature is written in a cursive style and is positioned above a horizontal line.

Dr. Albrecht Poth

Date: January 10, 2000