



# BioPlatinum™

## Enhanced Radiopaque Platinum for Nitinol and Other Medical Devices

Acteron has achieved a breakthrough in platinum deposition for medical devices—Electrodeposits that are low stress and ductile. BioPlatinum™ enables unique methods to micro fabricate intricate devices with complex geometries.

### Properties

- Ductile
- Low Stress
- Up to 50 microns thick
- Radiopaque
- Selective Deposits
- Electrical Conductivity
- Smooth

### Our Processes

provide a highly ductile, biocompatible, cyanide free plating for:

- Guidewires
- Nitinol Wires
- Stents
- Implantable Devices
- Electrodes
- Micro circuitry
- Catheters
- Markers

### Special Substrates

#### Opti-Bond™

Unique processes which provide maximum adhesion without alteration of the substrate.

#### Difficult to Plate Metals

Nitinol, cobalt chromium, invar, stainless steels, titanium, molybdenum, tungsten and mixed metal assemblies.

#### BioPlatinum™

Complex geometries on non metals including ceramics, plastics, glass and silicon.

### Acteron Quality Assurance

#### Quality Control Laboratory

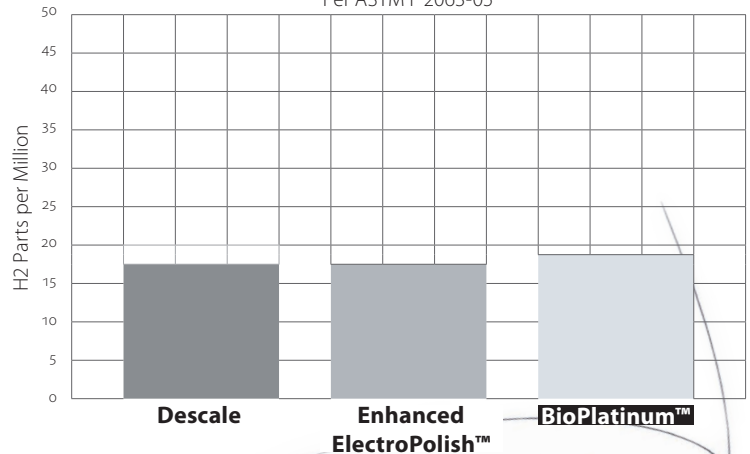
- atomic absorption analysis
- complete chemical laboratory
- full engineering staff for process and analytical control

#### Advanced Inspection

- x-ray fluorescence
- thermal testing up to 1200°F
- surface profile
- laser measurement
- IR Spectrophotometer
- Electronic Impedance Spectroscopy (EIS)

### Hydrogen Absorption Testing

Per ASTM F 2063-05



Acteron quality control laboratory.