

## ANALYTICAL EQUIPMENT & CAPABILITIES

### **Infrared Analysis (FT-IR)      Identification of organic materials**

- Polymers, rubbers, and adhesives
- Small particles (to 1ng!)
- Thin films on metallic parts

### **Electron Microscopy (SEM-EDX)      Examination and identification of inorganics**

- Surface examination and analysis
- Particle size and composition
- Alloy determination
- Aluminum can failure

### **Gas Chromatography (GC, GC-MS)      Identification and quantitation of volatile organics**

- Trace organics (drugs, contaminants)
- Petroleum and fuel analysis
- Solvent and water purity
- Off-odor, flavors

### **Liquid Chromatography (HPLC, LC-MS)      Identification and quantitation of non-volatile organics**

- Trace organics (additives, contaminants)
- Biologicals
- Drug purity

### **Optical Microscopy (OM, PLM)      Examination of small samples**

- Mineral sizing and identification
- Fiber identification
- Photomicroscopy

#### ***Additional tools can assist with:***

- Crystal structure analysis
- Particle identification and sizing
- Element and particle mapping
- Crystal structure

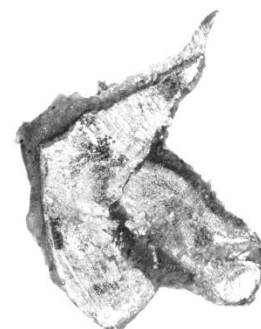
**Eurofins SN Special Analysis West** provides the expertise and analytical capability to solve most any contamination or material problem. We also offer competitive product analysis and perform contract research in numerous fields.

#### **We specialize in:**

- Foreign material identification
- Microcontamination
- Failure analysis
- Medical device testing
- Insurance / legal projects

This listing includes only a few of our tools and applications.

Contact us to see how we can help solve your chemical and material problems.



100µm

Steel Flake Isolated from Chocolate Bar