

## Materials

Aluminum Alloys  
Braze Materials  
Carbon and Low Alloy Steels  
Cast Irons  
Cobalt Alloys  
Copper Alloys  
Drilling or Turnings  
Ferro Alloy/Charge Materials  
Interstitial Gases in Metals  
(Oxygen, Nitrogen)  
Magnesium Alloys  
Nickel Alloys  
Scrap Materials  
Stainless Steels  
Superalloys  
Tin & Lead Solder Alloys  
Titanium Alloys  
Tool Steels  
Weld Metals  
Zinc Alloys  
Babbitt Alloys  
Precious Metals

## Our Capabilities Include:

Coating & Plating Identification  
Coating Weights  
Density of Powdered Metals  
Positive Material Identification  
Trace Elements Analysis  
Unknown Material Identification



**ANDERSON**  
LABORATORIES, INC.  
Specialists in Materials Evaluation

# Chemical Analysis

*Anderson Laboratories, Inc.* provides quality chemical analysis that is delivered timely and accurately, at competitive prices.

A variety of spectrometers and other analytical instruments and techniques are available. This variety allows the most efficient and accurate analysis of your material. Our library of thousands of certified standards from domestic and international sources ensures accurate analysis of even your most sophisticated material.

Concentrations of carbon and sulfur are determined by the LECO combustion analyzer. This top of the line automated instrument is capable of accurately determining carbon and sulfur in the 10ppm and higher range. Additional LECO testing equipment is used to determine nitrogen and oxygen concentrations

Analyses are performed by skilled personnel with combined experience of over 70 years. Instruments are programmed for the majority of the engineering alloys used in modern manufacturing. Techniques are available to allow for the analysis of as-cast iron samples, eliminating some of the more costly wet chemical analysis techniques historically required.

For more information regarding chemical analysis testing, please contact us at our laboratory in Greendale, Wisconsin.

**414-421-7600**  
**800-950-6330**

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