Based in New York, LTS is a leader in the manufacture of high-purity optical coating materials. We supply high quality products to the optics, fiber-optics, electronics, automotive, aerospace, crystal growth, and fuel cell industries, among others.

LTS is recognized worldwide for its new class of fluoride materials produced via DFM®: a novel production method that allows us to completely surpass material quality achieved by conventional means.

Over the years, LTS has collaborated with several companies to research and develop new products that have since proven to directly compete with existing materials, or have entirely replaced them as industry standards.

LTS also collaborates with clients to:

- Synthesize materials in non-traditional sizes, formulations, and purity profiles to your exact specifications.
- Develop products and solutions where established ones are not capable of fulfilling your needs.

Whether you need minor variations from a standard formulation, or a completely custom chemical system: LTS is your source.
PRODUCT LIST OF PRECIOUS METALS

RUTHENIUM METAL ALLOYS
- Chromium Ruthenium
- Molybdenum Ruthenium
- Ruthenium Aluminum
- Ruthenium Oxide
- Tantalum Ruthenium

GOLD METAL ALLOYS
- Gold Boron
- Gold Germanium
- Gold Palladium
- Gold Tin
- Zinc Oxide Gold

IRIDIUM METAL ALLOYS
- Iridium Manganese
- Iridium Oxide

PLATINUM METAL ALLOYS
- Graphite Platinum
- Iron Platinum
- Nickel Platinum
- Platinum Cobalt

PALLADIUM METAL ALLOYS
- Aluminum Palladium
- Cerium Palladium
- Gold Palladium
- Palladium Cobalt
- Palladium Nickel
- Silver Palladium Copper
- Zinc Oxide Palladium
- Zinc Palladium

RHODIUM METAL ALLOYS
- Strontium Titanate Rhodium

SILVER METAL ALLOYS
- Graphite Silver
- Magnesium Silver
- Silicon Dioxide Silver
- Silver Aluminum
- Silver Bismuth
- Silver Calcium
- Silver Chloride
- Silver Chromium
- Silver Copper
- Silver Gold
- Silver Oxide
- Silver Palladium Copper
- Silver Rhenium
- Silver Ruthenium
- Silver Sulfide
- Silver Titanium
- Tin Silver

PRECIOUS METAL POWDERS
- Gold
- Iridium
- Osmium
- Palladium
- Platinum
- Rhodium
- Ruthenium
- Silver