



Established in 1989 and based in New York, LTS has been pushing boundaries in the development and implementation of high-purity optical coating materials since its inception.

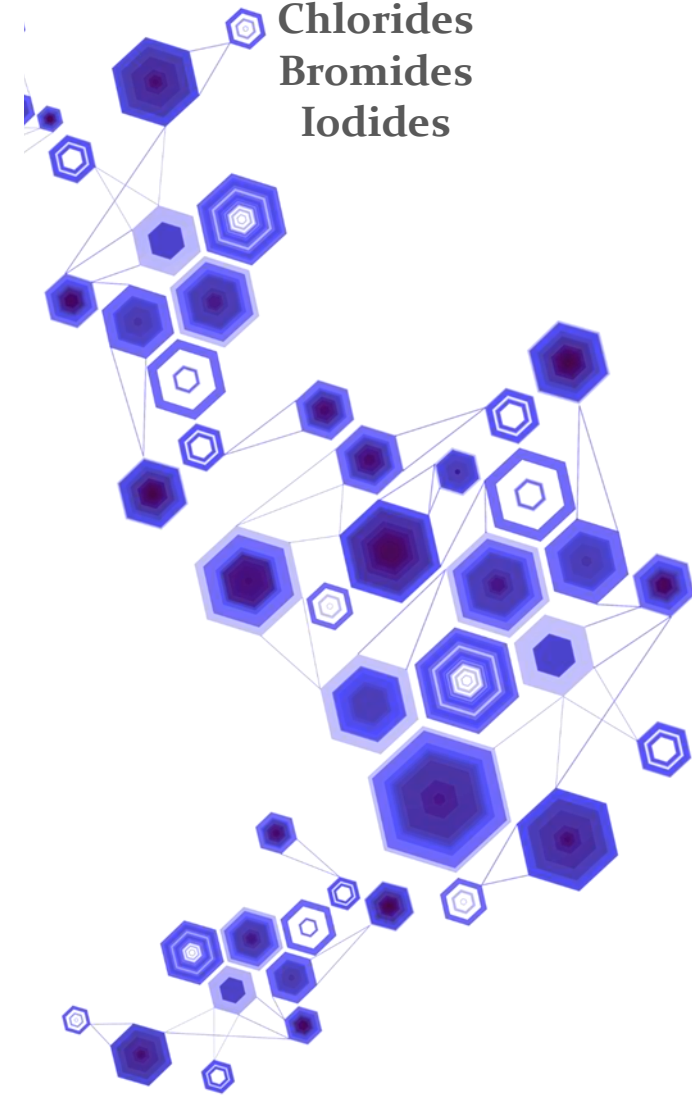
LTS produces high purity and high performance materials for the optics and fiberoptics, electronics, automotive, aerospace, medical, defense, crystal growth, and fuel cell industries, and are constantly developing new products and applications for our clients. We pride ourselves on our superb materials quality: whether it's a standard formulation or researching and developing new chemicals and compounds, we work to provide you with products unparalleled in their respective industries.

Our research and development team comprises experts in chemistry, chemical engineering, mechanical engineering, materials science, vacuum engineering, and high-caliber machining. Our production process is vertically integrated from raw materials procurement to the final finishing process, giving us precise control in creating materials to exact specifications.



High Purity Halides

Chlorides
Bromides
Iodides



Optical Coatings from Concept to Commercialization (OC³)



37 Ramland Rd, Orangeburg, NY 10962
Tel: (855) 587-2436, Fax: (845) 418-5754

LRLI.US.COM

High Purity Halides

Ultra High-Purity, Ultra Dry

Applications:

These iodides, bromides, and chlorides are used as chemical reagents and as catalysts in chemical reactions. Many are also used in photographic (and x-ray) films and optical polarizing films for LCD displays.

They may be used as disinfectants and biocides for water and agriculture and for flame retardation. Our high purity material is suitable for use in MBE deposition systems.

Form:

All of our high purity halide salts are available in **ultra-dry** form and are packed in glass **ampoules** under argon gas to prevent hydration.

They are typically in the form of fine beads about -10 mesh particle size.

The minimum ampoule size is 25 or 50 grams.



Chlorides

AlCl ₃	99.999 %
BiCl ₃	99.995-99.999 %
CrCl ₂	99.9-99.99 %
CuCl	99.999 %
EuCl ₃	99.99 %
FeCl ₂	99.9-99.99 %
GaCl ₃	99.999 %
GdCl ₃	99.99 %
NaCl	99.998 %
SbCl ₃	99.999 %
SmCl ₃	99.99 %
TbCl ₃	99.9-99.99 %
WCl ₆	99.9 %

Bromides

AlBr ₃	99.999 %
BaBr ₂	99.998 %
BiBr ₃	99.998 %
CoBr ₂	99.99 %
GdBr ₃	99.9-99.99 %
KBr	99.995-99.999 %
PbBr ₂	99.998 %
ZrBr ₂	99.999 %

Iodides

AlI ₃	99.999 %
BaI ₂	99.995 %
BiI ₃	99.998 %
CaI ₂	99.5-99.999 %
CoI ₂	99.999 %
CsI	99.99-99.998 %
EuI ₂	99.99 %
LiI	99.9-99.999 %
GaI ₃	99.999 %
GdI ₃	99.99 %
InI ₃	99.999 %
KI	99.95-99.998 %
LaI ₃	99.999 %
LuI ₃	99.9-99.99 %
MgI ₂	99.999 %
PbI ₂	99.999 %
SbI ₃	99.999 %
SmI ₂	99.9-99.999 %
SrI ₂	99.99 %
YbI ₂	99.99-99.999 %

For full listing and details, visit

lrli.us.com/catalog