

## INDIUM TRIIODIDE



#### General Information

**Molecular Weight:** 495.53  
**% of Indium:** 23.17%  
**Specific Gravity:** 4.69 gr/cc  
**Melting Point:** 210°C  
**Boiling Point:** Sublimes  
**Crystalline Form:** Carmine red or yellow crystals  
**Isomorphous with:** AlCl<sub>3</sub>, YCl<sub>3</sub>  
**Coordination Number:** 6  
**Solubility in Water:** 92.91 grams/100 grams of solution  
 Density 3.4 gr/cc  
**Safety Data:** Material Safety Data Sheet (MSDS)  
 Available on request and shipped with product.

#### Standard Packaging

Quantity*	Container
3.5 kg	1 gallon Nalgene
2.0 kg	1/2 gallon Nalgene
1.0 kg	1 liter Nalgene
500 g	1/2 liter Nalgene
100–200 g	Plastic Jars

\*All package sizes contain suitable desiccant. Packaging in other sizes, or in glass may be available upon request. See below for available grades.

#### Grades Available vs. Typical Analysis PPM WT

Element	99.9%	99.99%	99.999%
Aluminum	1–10	1–10	0.1–1
Antimony	NF	NF	NF
Arsenic	NF	NF	NF
Cadmium	50–100	5–10	1
Chromium	NF	NF	NF
Copper	5–10	1–2	0.5
Iron	10–20	1–2	0.5
Lead	200–300	10–30	2
Molybdenum	NF	NF	NF
Nickel	1–5	10–20	0.5
Thallium	100–300	10–20	1
Tin	50–100	10–20	2
Vanadium	NF	NF	NF
Silicon	1–10	1–10	0.1–1
Magnesium	1–10	1–10	0.1–1

Note: Specific impurities within a grade can sometimes be more tightly specified.

NF = Not Found



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