

# *Chem-Impex International, Inc.*

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## *Product Specifications*

# CuI

**Catalogue Number** 24624

**Product** **Copper(I) iodide**

Cuprous iodide

**CAS Number** 7681-65-4

**Molecular Formula** CuI

**Molecular Weight** 190.45

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**Appearance** Off-white amorphous powder or greenish to grayish powder

**Solubility** Soluble in liquor ammonia

**Bulk density** 1.92 g/ml (after 50 Tapped)

**Anion** Sulfate (SO<sub>4</sub><sup>2-</sup>) : ≤ 150 ppm

**Cation** Iron (Fe): ≤ 0.005%

**Loss on Drying** ≤ 0.5%

**Particle Size** 100% thr' 20 mesh

**Related Substances** ≤ 0.05%

**Assay by titration** ≥ 99% (On dried basis)

**Application** It is useful in a variety of applications ranging from organic synthesis to cloud seeding.

**Storage** Store at RT

**For Laboratory Use Only**