

Chem-Impex International, Inc.

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Product Specifications

Au

Catalogue Number	46551
Product	Gold nanopowder (20 nm)
CAS Number	7440-57-5
Molecular Formula	Au
Molecular Weight	196.97

Appearance	Dark brown to black powder
Trace Metal Analysis	Ba : 0.001%, Mg : 0.001%, Be : 0.001%, Ni : 0.001%, Cd : 0.001%, Pb : 0.005% Co : 0.001%, Si : 0.004%, Cr : 0.001%, Sr : 0.001%, Cu : 0.01%, Zn : 0.001% Li : 0.001%, Pb : 0.01%
Mesh Size	APS 20 nm , SSA ~7 m ² /g
Purity	≥ 99.9% (Trace metals basis)
Application	The optical properties of gold nanopowders lend them to benefits in medical imaging, photography, and other optical/imaging applications. Gold powder plays a crucial role in countless electronic manufacturing processes, offering a simple and effective way to produce conductive compounds, suspensions, coatings, etc.
Storage	Store at RT

For Laboratory Use Only