



Johnson Matthey  
Chemical Products

## Potassium aurate solution



### Product name

Potassium aurate

### Chemical formula

$\text{KAuO}_2$

### Product code\*

US – C5022

\* This product can be ordered worldwide under the US product code.

### CAS Number

12446-76-3

### Product family

Pgm compound solution (aqueous)

### Process

Miscellaneous

### Market

Chemicals

### Benefits

Potassium aurate is supplied as an aqueous solution. The product is a halide-free source of gold in the +III oxidation state.

### Application

Potassium aurate can be used to prepare gold nanoparticles for heterogeneous catalysis or in electroplating applications.

### Shipping & Handling

Please refer to the relevant Safety Data Sheet.

[www.chemicals.matthey.com](http://www.chemicals.matthey.com)  
Johnson Matthey, Orchard Road  
Royston, SG8 5HE, UK  
Tel. +44 1763 253000

© Johnson Matthey 2015

<b>Form:</b>	aqueous solution
<b>Gold content:</b>	>17.0 % w/w
<b>Colour:</b>	pale yellow