

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

TECHNICAL DATA SHEETS

1. Product name:

Chloroauric acid

2. Chemical Name:

Aurochloric acid;

Brown gold chloride;

Tetrachloroauric acid;

Hydrogen aurichloride;

Gold tetrachloride acid;

Tetrachloroauric(III) acid;

Hydrogen tetrachloroaurate(III)

3. CAS No.: 16903-35-8

4. MF: HAuCl_4

5. Molecular Weight: 339.79

6. Technical specifications

Item	Specifications	Results
Appearance	Golden yellow acicular crystallization	Conforms
Total content	$\geq 99.90\%$	99.95%
Au content	$\geq 50.00\%$	50.02%
Inductively Coupled Plasma/Elemental Analyzer		
Pd	$< 0.0050\%$	0.0019%
Ru	$< 0.0050\%$	0.0020%
Pt	$< 0.0050\%$	0.0017%
Ag	$< 0.0050\%$	0.0015%
Al	$< 0.0050\%$	0.0019%
Fe	$< 0.0050\%$	0.0011%
Mg	$< 0.0050\%$	0.0014%
Si	$< 0.0050\%$	0.0011%
Cu	$< 0.0050\%$	0.0013%

Taian Green Industry Co., Ltd.

Tel: 86-156-6659-0861

E-mail: greenindustry@163.com

Web: www.taiangreenindustry.com

Cr	<0.0050%	0.0010%
Zn	<0.0050%	0.0011%
Pb	<0.0005%	N.D.
Conclusion	The results conforms with enterprise standards	

7. Usage

Chloroauric acid, also known as tetrachloroauric acid, gold tetrachloride acid, tetrachloroauric(III) acid, can soluble in water, ethanol and ether, slightly soluble in chloroform. Chloroauric acid is mainly used for gold plating, porcelain gold, special inks, photography, chemical reagents, medicines and red glass, as well as a variety of raw materials for gold compounds.

8. Package

As your requirements