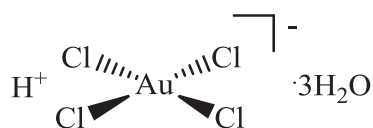


Hydrogen Tetrachloroaurate (III) Trihydrate

Chemical Name:
 Hydrogen Tetrachloroaurate (III) Trihydrate
 Gold Chloride, Acid, Hydrate
 Tetrachloroauric Acid Hydrate

DFG Product Code: 79-130
CAS Number: 16961-25-4
Formula: $\text{HAuCl}_4 \cdot 3\text{H}_2\text{O}$
Formula Weight: 393.84 g/mol
Theoretical % Au: 50.0



TEST

REQUIREMENT

<i>Chemical Purity:</i>	<i>> 99% (> 99.9% Au)</i>
<i>Appearance:</i>	<i>yellow, orange to brownish crystalline solid or chunks</i>
<i>Au Assay:</i>	<i>49.6 ± 0.6%</i>
<i>Trace Metals Impurities:</i>	<i>< 1000 ppm all metals</i>
<i>Solubility in Ether:</i>	<i>< 0.1% insoluble</i>
<i>Alkali and Other Metals</i>	<i>< 0.2%</i>
<i>Storage:</i>	<i>Store cold in a tightly closed opaque</i>

D.F. Goldsmith Chemical and Metal, 909 Pitner Avenue, Evanston, IL 60202, USA

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