

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	35557
<b>Lot Number</b>	003127-24079
<b>Product</b>	<b>Gold(III) chloride hydrate</b> Auric chloride Chloroauric acid
<b>CAS Number</b>	27988-77-8
<b>Molecular Formula</b>	HAuCl <sub>4</sub> •xH <sub>2</sub> O
<b>Molecular Weight</b>	339.79 (anhydrous basis)
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<b>Appearance</b>	Yellow-orange powder
<b>Alkaline earth metals</b>	Alkalies and other metals (as Sulfates) : < 0.2%
<b>Insoluble</b>	< 0.1% in ether
<b>Related Substances</b>	Pt : < 2 ppm, Pd : 3 ppm, Rh : < 1 ppm, Ir : < 1 ppm, Ag : 8 ppm, Pb : < 1 ppm, Mn : < 1 ppm, Si : 1 ppm, Fe : 2-3 ppm, Bi : < 1 ppm, Cu : 1-2 ppm, Ru : < 1 ppm Total impurities : < 50 ppm
<b>Gravimetric Assay</b>	Au : 49.81%
<b>Purity</b>	99.995% Metals basis
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager