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CERTIFICATE OF ANALYSIS

Chemical formula AuCl_3 actual dimer Au_2Cl_6

Molecular weight 303.33

CAS registration number 13453-07-1

EINECS accession number 236-623-1

Melting point 254°C

Water soluble, soluble in water and ethanol

Density 3.9g/cm^3

Appearance Golden yellow to reddish yellow monoclinic crystal.

Application of gold plating, special inks, drugs, porcelain gold and red glass, etc. Hazard

Description Irritant, corrosive

Type of control This product is not regulated

Molar mass $303.325\text{ (anhydrous) g}\cdot\text{mol}^{-1}$

Specifications

ITEMS	STANDARDS	RESULT
NAHS (%)	70.0 MIN	70.2
NA ₂ S (%)	0.5 MAX	0.5
NA ₂ SO ₃ (%)	1.5 MAX	1.03
FE (%)	0.003 MAX	0.0029
NACO ₃ (%)	1.0 MAX	1.0
MATTER INSOLUBLE IN WATER (%)	0.005MAX	0.005