

Specification

IUPAC Name: Hydrogen tetrachloroaurate(III); solution

Heraeus Material / Type: Tetrachloroaurate(III) acid sol. L

Description / Formula: H[AuCl₄]

Heraeus Precious Metals GmbH & Co. KG · Heraeusstrasse 12-14 · 63450 Hanau, Germany

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Gold content*	%	37.0 – 43.5	000101/xx Au-content gravimetric
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Metallic impurities below*	ppm	≤ 100	
Ir (Iridium)	ppm		
Pd (Palladium)	ppm		
Pt (Platinum)	ppm		
Rh (Rhodium)	ppm		
Ru (Ruthenium)	ppm		
Ag (Silver)	ppm		
Al (Aluminium)	ppm		
Cd (Cadmium)	ppm		
Cr (Chromium)	ppm		
Cu (Copper)	ppm		
Fe (Iron)	ppm		
Hg (Mercury)	ppm		
Mn (Manganese)	ppm		
Ni (Nickel)	ppm		
Pb (Lead)	ppm		

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Sn (Tin)	ppm
Ti (Titanium)	ppm
Zn (Zinc)*	ppm

Value determination

All values determined in accordance with 08170/xx

Information:

Appearance: solution

Color: orange-yellow

Smell: strong HCl smell

Other relevant document(s):

xx = current revision

Inspection Certificate (IC)

Heraeus Precious Metals GmbH & Co.KG will issue an Inspection Certificate according to DIN EN 10204-3.1 for each delivered batch. Parameters which are marked with [*] will be given in the Inspection Certificate.

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