

Specification

IUPAC Name:	Dihydrogen tetrachloropalladate(II); solution
Heraeus Material / Type:	Pd(II)chloride sol. L
Description /Formula:	H ₂ [PdCl ₄]

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Palladium content *	%	10 - 25	00079/xx Pd-content gravimetric
Palladium purity *	%	≤ 99.95	00195/xx ICP-OES
<u>Impurities</u> relating to Pd * :			00195/xx ICP-OES
Pt (Patinum) + Ru (Ruthenium + Rh (Rhodium) + Ir (Iridium) *	ppm	≤ 300	
Au (Gold) *	ppm	≤ 100	
Ag (Silver) *	ppm	≤ 100	
Al (Aluminium) *	ppm	≤ 50	
Ca (Calcium) *	ppm	≤ 50	
Co (Cobalt) *	ppm	≤ 10	
Cr (Chromium) *	ppm	≤ 10	
Cu (Copper) *	ppm	≤ 50	
Fe (Iron) *	ppm	≤ 50	
Mg (Magnesium) *	ppm	≤ 50	
Mn (Manganese) *	ppm	≤ 10	
Ni (Nickel) *	ppm	≤ 50	
Pb (Lead) *	ppm	≤ 50	

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Chemical Products

Doc. Nr. Spec-01-006_00

Heraeus

Version: 01

Status: Approved

Valid from: 24.07.2019

Sb (Antimony) *	ppm	≤ 20
Si (Silicon) *	ppm	≤ 50
Sn (Tin) *	ppm	≤ 50
Zn (Zinc) *	ppm	≤ 25

Value Determination

All values determined in accordance with AA-3.3-010/xx.

Information:

Color: brown

Other relevant document(s):**Inspection Certificate**

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

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