

Specification

IUPAC Name:	Dihydrogen tetrachloropalladate(II);solution
Heraeus Material / Type:	Pd(II)chloride sol. T15 LSTDP
Description /Formula:	H ₂ [PdCl ₄]

Heraeus Deutschland GmbH & Co.KG · Heraeus Precious Metals · Heraeusstrasse 12-14 · 63450 Hanau, Germany
 Contact Mail: precious.metals@heraeus.com · Phone.: +49(0)6181/35-4854

Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Palladium content *	%	14.0 – 16.0	calculated, adjusted
Palladium content in bulk material	%		00079/xx Pd-content gravimetric
<u>Impurities</u> relating to Pd * :			00195/xx ICP-OES
Total Pt (Platinum) + Ru (Ruthenium) + Rh (Rhodium) + Ir (Iridium) content *	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	
Sb (Antimony) *	ppm	≤ 20	

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Chemical Products

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Heraeus

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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 Chemicals 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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