

## Specification

**IUPAC Name:** Sodium-tetrachloropalladate (II); solution

**Heraeus Material / Type:** Pd(II) sodium chloride sol. L

**Description / Formula:** Na<sub>2</sub>[PdCl<sub>4</sub>]

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Parameter	Unit	Specification	Test Method
<b><u>Precious metal</u></b>			
Palladium content*	%	10.00 - 20.00	00079/xx Pd-content gravimetric
<b><u>Chemical and physical properties</u></b> related to sample			
Free Acid as HCl*	%	≤ 0.1	00085/xx Acid base titration
<b><u>Impurities</u></b> relating to precious metal			
Sum of Ir+Pt+Ru+Rh	ppm	≤ 300	00195/xx ICP-OES
Ag (Silver)*	ppm	≤ 100	
Au (Gold)*	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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Sb (Antimony)*	ppm	≤ 20
Si (Silicon)*	ppm	≤ 50
Sn (Tin)*	ppm	≤ 50
Zn (Zinc)*	ppm	≤ 25

**Value determination**

All values determined in accordance with 08170/xx

**Information:**

Color: brown

**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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