

Specification

IUPAC Name: Tetraamminepalladium(II) Chloride Solution

Heraeus Material / Type: TetraAmminePd(II) Chloride sol. LSTDP

Description / Formula: $[\text{Pd}(\text{NH}_3)_4]\text{Cl}_2$

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Palladium content*	g/L	9 - 11	0079/xx Pd-content gravimetric
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Ir (Iridium)*	ppm		
Pt (Platinum)*	ppm		
Rh (Rhodium)*	ppm		
Ru (Ruthenium)*	ppm		
Sum of Pt+Ir+Rh+Ru*	ppm	≤ 300	
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	

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Pb (Lead)*	ppm	≤ 50
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:

Appearance: transparent solution

Color: colorless

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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