

Specification

IUPAC Name: Sodium tetrachloroplatinate(II) solution

Heraeus Material / Type: Pt(II) sodium chloride sol. LSTDP

Description / Formula: $\text{Na}_2[\text{PtCl}_4]$

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Platinum content*	%	6.50 - 9.00	00079/xx Pt- content gravimetric
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Ir (Iridium)*	ppm	informative	
Pd (Palladium)*	ppm	informative	
Rh (Rhodium)*	ppm	informative	
Ru (Ruthenium)*	ppm	informative	
Sum of Ir + Pd + Rh + Ru*	ppm	≤ 500	
Ca (Calcium)*	ppm	≤ 250	
Cu (Copper)*	ppm	≤ 25	
Fe (Iron)*	ppm	≤ 50	
K (Potassium)*	ppm	≤ 250	00086/xx AAS
Mg (Magnesium)*	ppm	≤ 250	
Ni (Nickel)*	ppm	≤ 25	
Pb (Lead)*	ppm	≤ 25	
Si (Silicon)*	ppm	≤ 100	

Value determination

All values determined in accordance with 08170/xx

Information:

Color: Dark blue solution

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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