

Specification

IUPAC Name: Dihydrogen Hexachloroplatinate(IV) Hydrate

Heraeus Material / Type: CPA H

Description / Formula: $\text{H}_2[\text{PtCl}_6] \cdot n \text{H}_2\text{O}$

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Platinum content*	%	39.9 – 40.1	Weighing
Platinum content CPA Solution*	%		00079/xx Pt-content gravimetric
Precious metal purity*	%	≥ 99.9	00195/xx ICP-OES
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Ir (Iridium)*	ppm	≤ 200	
Pd (Palladium)*	ppm	≤ 25	
Rh (Rhodium)*	ppm	≤ 200	
Ru (Ruthenium)*	ppm	≤ 50	
Ag (Silver)*	ppm	≤ 25	
Au (Gold)*	ppm	≤ 25	
As (Arsenic)*	ppm	≤ 25	
Ba (Barium)*	ppm	≤ 50	
Ca (Calcium)*	ppm	≤ 250	
Cu (Copper)*	ppm	≤ 25	
Fe (Iron)*	ppm	≤ 50	
Hg (Mercury)*	ppm	≤ 10	
K (Potassium)*	ppm	≤ 250	00086/xx AAS
Mg (Magnesium)*	ppm	≤ 250	

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Na (Sodium)*	ppm	≤ 250	00086/xx AAS
Ni (Nickel)*	ppm	≤ 25	
Os (Osmium)*	ppm	≤ 50	
Pb (Lead)*	ppm	≤ 25	
Si (Silicon)*	ppm	≤ 100	
V (Vanadium)*	ppm	≤ 25	

Value determination

All values determined in accordance with 08170/xx

Information:

Color: orange

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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