

Specification

IUPAC Name:	Dihydrogen Hexahydroxoplatinate(IV)
Heraeus Material / Type:	Dihydrogen HexahydroxoPt(IV) HSTDP
Description / Formula:	H ₂ [Pt(OH) ₆]

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Platinum content*	%	54 – 65	00079/xx Pd-content gravimetric
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Ir (Iridium)*	ppm	≤ 100	
Pd (Palladium)*	ppm	≤ 100	
Rh (Rhodium)*	ppm	≤ 100	
Ru (Ruthenium)*	ppm	≤ 100	
Ag (Silver)*	ppm	≤ 100	
Au (Gold)*	ppm	≤ 100	
Al (Aluminium)*	ppm	≤ 100	
B (Boron)*	ppm	≤ 100	
Bi (Bismuth)*	ppm	≤ 100	
Ca (Calcium)*	ppm	≤ 100	
Cd (Cadmium)*	ppm	≤ 100	
Co (Cobalt)*	ppm	≤ 100	
Cr (Chromium)*	ppm	≤ 100	
Cu (Copper)*	ppm	≤ 100	
Fe (Iron)*	ppm	≤ 100	
Mg (Magnesium)*	ppm	≤ 100	

Mn (Manganese)*	ppm	≤ 100
Mo (Molybdenum)*	ppm	≤ 100
Ni (Nickel)*	ppm	≤ 100
Os (Osmium)*	ppm	≤ 100
Pb (Lead)*	ppm	≤ 100
Sb (Antimony)*	ppm	≤ 100
Si (Silicon)*	ppm	≤ 100
Sn (Tin)*	ppm	≤ 100
Ti (Titanium)*	ppm	≤ 100
W (Tungsten)*	ppm	≤ 100
Zn (Zinc)*	ppm	≤ 100
Zr (Zirconium)*	ppm	≤ 100

Value determination

All values determined in accordance with 08170/xx

Information:

Color: yellow

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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