

## Specification

<b>IUPAC Name:</b>	Palladium(II) acetate
<b>Heraeus Material / Type:</b>	Pd(II) Acetate HSTDTP
<b>Description / Formula:</b>	$\text{Pd}_3(\text{CH}_3\text{COO})_6$

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Palladium content*	%	47.5 – 48.5	00079/xx Pd-content gravimetric
Palladium purity*	%	≥ 99.9	00195/xx ICP-OES
<u>Chemical and physical properties</u> related to sample			
Cl (Chloride)*	ppm	≤ 1000	06442/xx chloride traces
N (Nitrogen)*	%	≤ 2	Determination according to Dumas
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Ag (Silver)*	ppm	≤ 100	
Au (Gold)*	ppm	≤ 100	
Ir (Iridium)	ppm		
Pt (Platinum)	ppm		
Rh (Rhodium)	ppm		
Ru (Ruthenium)	ppm		
Sum of Pt+Ir+Rh+Ru*	ppm	≤ 300	
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
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:**

Yellow to brown powder

**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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