

## Specification

**IUPAC Name:** Platinum(II)nitrate hydrate

**Heraeus Material / Type:** Pt(II) Nitrate HSTDP

**Description / Formula:**  $\text{Pt}(\text{NO}_3)_2$

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Platinum content*	%	55 - 61	00079/xx Pt-content gravimetric
<u>Chemical and physical properties</u> related to sample			
Free $\text{HNO}_3$ *	meq/g <sub>Pt</sub>	≤ 6.0	00085/xx Acid- base- titration
Solubility in water*	%	soluble	00088/xx Insoluble Content
Cl (Chloride) content*		≤ 3000	06442/xx Argentometric Titration
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Sum of Ir + Pd + Rh + Ru*	ppm	≤ 500	
P (Phosphor)*	ppm	≤ 100	
S (Sulfur)*	ppm	≤ 100	

### Value determination

All values determined in accordance with 08170/xx

**Information:**

Color: orange - brown

**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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