

Specification

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|---------------------------------|--|
| IUPAC Name: | Dihydrogen tetrachloropalladate(II);solution |
| Heraeus Material / Type: | Pd(II)chloride sol. T20 LSTDP |
| Description /Formula: | H ₂ [PdCl ₄] |

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| Parameter | Unit | Specification | Test Method |
|---|------|---------------|------------------------------------|
| <u>Precious metal</u> | | | |
| Palladium content * | % | 19.5 - 20.5 | calculated and adjusted |
| Palladium content in bulk material | % | | 00079/xx Pd-content gravimetric |
| Palladium purity* | % | ≥ 99.95 | 00195/xx ICP-OES |
| <u>Impurities</u> relating to Pd : | | | 00195/xx ICP-OES |
| Pt (Platinum) + Ru (Ruthenium + Rh (Rhodium) + Ir (Iridium) * | ppm | ≤ 300 | |
| Au (Gold) * | ppm | ≤ 100 | |
| Ag (Silver) * | ppm | ≤ 100 | |
| 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 | |

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Chemical Products

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Heraeus

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Status: Approved

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| | | |
|-----------------|-----|------|
| Sb (Antimony) * | ppm | ≤ 20 |
| Si (Silicon) * | ppm | ≤ 50 |
| Sn (Thin) * | ppm | ≤ 50 |
| Zn (Zinc) * | ppm | ≤ 25 |

Value Determination

All values determined in accordance with AA-3.3-010/xx.

Information:

Color: brown

Other relevant document(s):**Inspection Certificate**

Heraeus Precious Metals will issue an Inspection Certificate according to EN 10204-3.1 for each delivered batch. Parameters which are marked with [*] will be given in the Inspection Certificate.

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