

# Specification

<b>IUPAC Name:</b>	Rhodium (III) Chloride
<b>Heraeus Material / Type:</b>	Catalyst Rhodium Trichloride H
<b>Description /Formula:</b>	$\text{RhCl}_3 \cdot n \text{H}_2\text{O}$

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Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Rhodium content *	%	37- 42	00081/xx Rh- content gravimetric
<u>Impurities</u> relating to Rh * :			00195/xx ICP-OES
Au (Gold) *	ppm	≤ 100	
Ag (Silver) *	ppm	≤ 250	
Ir (Iridium) *	ppm	≤ 500	
Pd (Palladium) *	ppm	≤ 500	
Pt (Platinum) *	ppm	≤ 500	
Ru (Ruthenium) *	ppm	≤ 250	
Sum of Impurities (above) *	ppm	≤ 1500	
Al (Aluminium) *	ppm	≤ 100	
As (Arsenic) *	ppm	≤ 50	
B (Boron) *	ppm	≤ 50	
Bi (Bismuth) *	ppm	≤ 50	
Ca (Calcium) *	ppm	≤ 50	
Co (Cobalt) *	ppm	≤ 50	
Cr (Chromium) *	ppm	≤ 50	
Cu (Copper) *	ppm	≤ 50	

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Chemical Products

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**Heraeus**

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Fe (Iron) *	ppm	≤ 50	
K (Potassium) *	ppm	≤ 250	00086/xx AAS
Mg (Magnesium) *	ppm	≤ 50	
Mn (Manganese) *	ppm	≤ 50	
Na (Sodium) *	ppm	≤ 250	00086/xx AAS
Ni (Nickel) *	ppm	≤ 50	
Pb (Lead) *	ppm	≤ 50	
Si (Silicon) *	ppm	≤ 250	
Sn (Tin) *	ppm	≤ 50	
Zn (Zinc) *	ppm	≤ 50	

Value Determination

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

Information:

Color: red

Other relevant document(s):

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**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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