

Specification

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

Heraeus Precious Metals GmbH & Co. KG · Heraeusstrasse 12-14 · 63450 Hanau, Germany
 Contact Mail: CS-CP-HPMG@heraeus.com · Phone.: +49(0)6181/35-4854

Parameter	Unit	Specification	Test Method
<u>Precious metal</u>			
Rhodium content*	%	37- 42	00081/xx Rh- content gravimetric
<u>Impurities</u> relating to precious metal			00195/xx ICP-OES
Ir (Iridium)*	ppm	≤ 500	
Pd (Palladium)*	ppm	≤ 500	
Pt (Platinum) *	ppm	≤ 500	
Ru (Ruthenium)*	ppm	≤ 250	
Ag (Silver)*	ppm	≤ 250	
Au (Gold)*	ppm	≤ 100	
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	
Fe (Iron)*	ppm	≤ 50	

Printouts are only subject to the revision service in the form of controlled copies. Otherwise they become invalid!

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 08170/xx

Information:

Color: red

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.

This document has been generated automatically and is valid without signature.

This specification and all information contained therein represent confidential information of Heraeus Precious Metals GmbH & Co.KG which must be kept strictly confidential by the recipient and may not be passed on to third parties. The properties stated above have been obtained under controlled test methods. Under other test conditions or productive use, the measured results may vary, in particular depending on the specific ambient conditions. In particular, the results from Heraeus Precious Metals GmbH & Co.KG inspection certificate do not release the customer from verifying itself and on its own responsibility whether the end product specified by Heraeus Precious Metals GmbH & Co.KG is suited for the intended purpose of use of the customer.