

Certificate of analysis

Ruthenium(III) chloride hydrate, 99.9% (PGM basis), Ru 38% min

Stock Number: 11043
Lot Number: C15W021

Analysis

Ru (limits)	38.000 – 44.500 %
Ru (found)	40.440 %
Na	0.01 %
Insolubles in 10 % HCl	0.05 %

Pt	ND	Au	ND	Sb	NM	Si	ND	Ti	10
Pd	ND	Ag	ND	Mn	4	Fe	110	Co	ND
Rh	15	Cd	ND	Mg	11	Bi	ND	Ni	11
Ir	ND	As	ND	Pb	12	Mo	ND	Al	34
Ru	Major	Te	ND	Sn	ND	Cu	10	Ca	36
Os	ND	B	ND	Cr	17	Zn	ND	Zr	NM

Values given in ppm unless otherwise noted

Analysis method: Spectrographic

ND: Not detected

NM: Not measured

Certified by:

Quality Control

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