

Certificate of analysis

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

Stock Number: 11043
Lot Number: K30U016

Analysis

Ru (limits)	38.000 – 44.500 %
Ru (found)	40.250 %
Na	< 0.01 %
Insolubles in 10 % HCl	< 0.01 %

Pt	20	Au	ND	Sb	NM	Si	38	Ti	ND
Pd	18	Ag	18	Mn	ND	Fe	90	Co	ND
Rh	11	Cd	ND	Mg	ND	Bi	ND	Ni	ND
Ir	ND	As	ND	Pb	28	Mo	ND	Al	75
Ru	Major	Te	ND	Sn	ND	Cu	20	Ca	46
Os	ND	B	4	Cr	ND	Zn	ND	Zr	NM

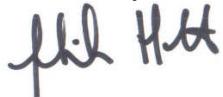
Values given in ppm unless otherwise noted

Analysis method: Spectrographic

ND: Not detected

NM: Not measured

Certified by:



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