

Platinum

Table 1 Chemical Requirements

Element ^A	Composition, %	
	Grade 99.95 (UNS PO4995)	Grade 99.99
Platinum, min (by difference)	99.950	99.990
Rhodium, max	0.030	0.005
Palladium, max	0.020	0.005
Ruthenium, max	0.010	0.002
Iridium, max	0.015	0.005
Gold, max	0.010	0.005
Silver, max	0.005	0.003
Lead, max	0.005	0.001
Tin, max	0.005	0.002
Zinc, max	0.005	0.002
Iron, max	0.010	0.005
Manganese, max	0.005	0.001
Copper, max	0.010	0.004
Silicon, max	0.010	0.005
Calcium, max	0.005	0.003
Magnesium, max	0.005	0.003
Aluminium, max	0.005	0.004
Nickel, max	0.005	0.001
Chromium, max	0.005	0.001
Antimony, max	0.005	0.002
Arsenic, max	0.005	0.002
Bismuth, max	0.005	0.002
Tellurium, max	0.005	0.004
Cadmium, max	0.005	-
Molybdenum, max	0.010	0.004

A) By agreement between the manufacturer and purchaser, analyses may be required and limits established for elements or compounds, including ignition loss, not specified in this table.