



Certificate of Spectrographic Analysis



Acton Refinery
Bashley Road
London NW10 6SN
Telephone: 020 8965 6031
Fax: 020 8453 0307

Date 10/11/2016

Platinum

<u>Product:</u>	Sponge	<u>Reference:</u>	3178
	Pd n.d.	Pb	n.d.
	Rh 17	Cr	n.d.
	Ru n.d.	Mn	n.d.
	Ir 8	Al	n.d.
	Au n.d.	Mg	n.d.
	Ag 1	Sn	n.d.
	Os n.d.	As	n.d.
	* Ca 3	Sb	n.d.
	Fe n.d.	Bi	n.d.
	Cu 24	Te	n.d.
	Ni n.d.	B	n.d.
	Zn 1	Co	n.d.
	Mo n.d.	Si	n.d.
	Cd n.d.	P	n.d.
	W n.d.	* Na	n.d.
	Ti n.d.	Se	n.d.
		Zr	n.d.

Purity of Platinum
(by difference) = 99.99+ %

Ignition Loss at 920° C 0.004 %

Analyst J. Patel
Supervisor A. Meskin

All values reported in parts per million unless otherwise stated.
Analytical Methods used: SPEC-001, SPEC-005
*Ca and *Na not UKAS Accredited

n.d. - not detected
See QSR - 037 QSP - 307



Certificate of Spectrographic Analysis



Acton Refinery
Bashley Road
London NW10 6SN
Telephone: 020 8965 6031
Fax: 020 8453 0307

Date 27/07/2015

Platinum

Product: Sponge Reference: 3087

Pd	n.d.	Pb	n.d.
Rh	n.d.	Cr	n.d.
Ru	n.d.	Mn	n.d.
Ir	n.d.	Al	n.d.
Au	n.d.	Mg	n.d.
Ag	n.d.	Sn	n.d.
Os	n.d.	As	n.d.
		Sb	n.d.
* Ca	n.d.	Bi	n.d.
Fe	n.d.	Te	n.d.
Cu	4	B	1
Ni	n.d.	Co	n.d.
Zn	n.d.	Si	n.d.
Mo	n.d.	P	n.d.
Cd	n.d.	* Na	n.d.
W	n.d.	Se	14

Purity of Platinum
(by difference) = 99.99+ %

Ignition Loss 0.005 %

Analyst J. Patel *J. Patel*
Supervisor A. Meskini *A. Meskini*

All values reported in parts per million unless otherwise stated.
Analytical Methods used: SPEC-001, SPEC-005
*Na and *Ca not UKAS Accredited Ti,Zr = n.d.

n.d. - not detected
See QSR - 037 QSP - 307