Erratum

To the paper

STUDIES ON IRIDIUM AND PLATINUM DETERMINATION IN METALLIC RHODIUM BY NAA AND CPAA

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Tables 4 and 5 are as follows:

Table 4
CHAUDRI method
Calculation by mean energy method

Nuclear reaction	$E_{\text{threshold}}$ MeV	$(E_{\text{en}} + E_i)/2$ MeV	$\frac{S(E)_{\text{Au}}}{S(E)_{\text{Pt}}}$
$^{193}\text{Pt}(p, n)^{193}\text{Au}$	1.07	5.71	0.750
$^{195}\text{Pt}(p, n)^{195}\text{Au}$	1.45	5.90	0.751
$^{196}\text{Pt}(p, n)^{196}\text{Au}$	2.26	6.30	0.754
$^{194}\text{Pt}(p, n)^{194}\text{Au}$	3.31	6.83	0.755
$^{193}\text{Pt}(p,)^{196}\text{Au}$	6.3	8.32	0.764
$^{193}\text{Pt}(p, 2n)^{196}\text{Au}$	10	10.17	0.772

RICCI method
Calculation by range ratio or activated range ratio

Nuclear reaction	$E_{\text{threshold}}$ MeV	Range ratio $R(\text{Pt})/R(\text{Rh})$	Range activ. ratio
$^{193}\text{Pt}(p, n)^{193}\text{Au}$	1.07	0.764	0.760
$^{195}\text{Pt}(p, n)^{195}\text{Au}$	1.45	0.764	0.758
$^{196}\text{Pt}(p, n)^{196}\text{Au}$	2.26	0.764	0.755
$^{194}\text{Pt}(p, n)^{194}\text{Au}$	3.31	0.764	0.752
$^{193}\text{Pt}(p,)^{196}\text{Au}$	6.3	0.764	0.745
$^{193}\text{Pt}(p, 2n)^{196}\text{Au}$	10	0.764	0.737

ERRATUM

Table 5
Results obtained by laboratories
participating to the certification of rhodium reference materials
(from reference [14])

Iridium mass fractions (mg.kg ⁻¹)						
	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5 (our values)	Lab 6
method	I.N.A.A.	I.N.A.A.	I.C.P.M.S.	I.N.A.A.	I.N.A.A.	I.N.A.A.
mean value	25.6	26.6	26.1	25.6	25.4	26.7
s	0.3	0.4	0.5	0.6	0.6	0.6
n	7	8	8	14	14	8
mean value of laboratories : 26.0 ± 0.6 (n = 6) Ir certified value : 26.0 ± 0.6 mg.kg ⁻¹ ($\pm$ 95% confidence interval)						

Platinum mass fractions (mg.kg ⁻¹)							
	Lab 1	Lab 2	Lab 3	Lab 4	Lab 5 (our values)		Lab 6
method	I.N.A.A.	I.N.A.A.	I.C.P.M.S.	I.N.A.A.	I.N.A.A.	R.P.A.A.	I.N.A.A.
mean value	≤ 7	≤ 2.5	2.5	2.8	2.5	1.6	≤ 5
s	-	-	0.2	0.6	0.3	0.2	-
n	8	8	8	14	11	8	8
Mean value of laboratories 3-4-5 (2 results) : 2.4 ± 0.5 (n = 4) Pt certified value : < 5 mg.kg ⁻¹							