

CERTIFICATE OF ANALYSIS

133X AGA1 (batch A)

Reference Material Information

Type:	Archaeological Silver
Form and Size:	Disc, 25mm diameter
Produced by:	Mayhan & Co Ltd
Analysed by:	Birmingham Assay Office
Certified and supplied by:	MBH Analytical Ltd

Assigned Values

Element by weight, % or µg/g (ppm)

Element	Cu	Pb	Au	Zn	Sn	Sb	Bi	Fe
percent %	19.95	0.207	1.48	0.211	0.291	0.050	0.194	0.039
uncertainty	0.21	0.007	0.03	0.005	0.010	0.001	0.006	0.001

Element	Al	As	Cd	Co	Cr	Ge	In	Mg	Mn
ppm	96	255	165	406	20	107	37	45	61
uncertainty	4	9	3	7	2	15	4	2	1

Element	Ni	Pd	Pt	Rh	Se	Si	Ti	Te
ppm	118	54	67	16	169	91	79	271
uncertainty	3	0	1	0	5	3	10	6

Notes

This sample was prepared by induction melting and chill-casting; the resultant ingot was rolled into strip of 3mm thickness.

The above values have been derived by one competent laboratory (UKAS accreditation 0667) only, using ICP-AES for all elements. Each value is a mean of four independent tests. The uncertainty value stated is the standard deviation of those results. All values should be treated with due caution.

The manufacture, analysis and certification of this product were supervised by C Eveleigh, PhD, Technical Director, MBH Analytical Ltd.

The material to which this certificate of analysis refers is supplied subject to our general conditions of sale.

Certified by:

MBH ANALYTICAL LIMITED _____

on 14th July 2014

C Eveleigh