

# CERTIFICATE OF ANALYSIS

## 132X 925Zn1 (batch B)

### Reference Material Information

Type: Sterling Silver Alloy  
Form and Size: Disc, 25mm diameter x ~3mm thick  
Produced by: Mayhan & Co Ltd  
Analysed by: Birmingham Assay Office  
Certified and supplied by: MBH Analytical Ltd

### Assigned Values

#### Percentage element by weight

Element	Ag	Cu	Zn
%	92.70	6.09	1.39
Uncertainty, %	0.13	0.04	0.01

### Analysis Methods

Silver: potentiometric titration  
Copper and zinc: ICP-AES

### Notes

This sample was prepared by induction melting and chill-casting; the resultant ingot was rolled into strip of 3.5mm thickness.

The above values have been derived by one competent laboratory (UKAS accreditation 0667) only. Each 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 9<sup>th</sup> August 2013

C Eveleigh