

# CERTIFICATE OF ANALYSIS

**95X BIS50P2 (batch B)**

## Reference Material Information

Type: TIN-BISMUTH ALLOY (CAST)  
Form and Size: Disc ~40mm Diameter  
Manufactured by: MBH Analytical Ltd  
Certified and Supplied by: MBH Analytical Ltd

## Assigned Values

### Percentage element by weight

Element	Sn	Bi	Ag	As	Fe	Al	Au
Value, %	50.3	49.55	0.090	0.005	0.012	(0.001)	0.015

## Notes

This reference material was produced from commercial tin and bismuth; the traces were added as pure elements or as master alloys. The melt was cast by sequential transfer of aliquots into individual iron moulds. 2mm has been removed from the working face to minimise any surface effects.

The above values are based on the results from one competent analyst only, with accreditation to ISO17025 according to NATA certificate 0492. Tin was analysed by the volumetric method. All other analysis was performed by flame atomic absorption.

No uncertainty or traceability information is available.

## Certified by:

MBH ANALYTICAL LIMITED \_\_\_\_\_

on 5<sup>th</sup> July 2018

C Eveleigh