

# PROVISIONAL CERTIFICATE OF ANALYSIS

## 31X MNB11 (batch B)

### Reference Material Information

Type: MANGANESE BRASS (CHILL CAST)  
Form and Size: Disc~40mm diameter  
Produced by: Polycast Ltd  
Certified and Supplied by: MBH Analytical Ltd

### Provisional Composition

#### Percentage element by weight

Element	Sn	Pb	Zn	Fe	Mn	Ni	Al	Si
%	0.20	0.32	21	0.50	12.5	4.7	1.25	0.06

Element	Co	As	Bi	Sb	P	Cd	Cu
%	0.06	0.005	0.005	0.01	0.03	0.002	(59.5)

### Notes

The above values are based on the very early results of an incomplete interlaboratory testing programme, and hence should be used for guidance only. This material should not be used for calibration purposes until formal certification is completed.

This document will be superseded in March 2018, and should not be used after that time.

This material will remain stable indefinitely, provided adequate precautions are taken to protect it from cross-contamination, extremes of temperature and atmospheric moisture.

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

### Certified by:

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

C Eveleigh

on 20th June 2017

